



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Buckingham Compressor Station - 2nd Comment**

1 message

**Jeeva Abbate** <jeeva@yogaville.org>  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 12:14 AM

Virginia Department of Environmental Quality  
Piedmont Regional Office  
Buckingham Compressor Station  
[4949-A Cox Rd](#)  
[Glen Allen, VA 23060](#)

Joseph Jeeva Abbate  
[12 Ramaa Lane,](#)  
Buckingham, VA 23921  
Phone: 434-969-3121  
Date: August 28, 2018

Dear DEQ,

I am a concerned resident in the Buckingham community, living and working in the area around the proposed location of the ACP Buckingham Compressor Station. I do not believe that any amount of toxic pollutants emitted from the Compressor Station is healthy for my community, my family, or myself.

To ensure that the installation of the proposed ACP Buckingham Compressor Station is appropriately permitted and monitored, I am recommending the following modifications (as recommended from the research and analysis of Dr. Curtis Lorin Nordgaard, MD, MSc, Pediatrics, Boston, MA) to the draft Stationary Source Permit for Atlantic Coast Pipeline, LLC to construct and operate a natural gas compressor station in our community in Buckingham:

**1 ACP should notify local authorities prior to each venting event*****Background***

Venting events have the potential to cause disruption and/or nuisance if detected by the public. For example, detecting natural gas odors may result in calls to and activation of local EMS services. ACP should therefore notify local authorities prior to each venting event.

Add a permit condition under Notifications:

"The permittee shall notify the local Board of Health or equivalent entity and the local fire department at least 24 hours prior to each planned or maintenance venting event".

## **2 DEQ should require regular analysis and reporting of natural gas composition.**

### *Background*

Based upon independent measurements, natural gas contains a large and complex set of VOCs (many of which are hazardous air pollutants and/or known or suspected carcinogens).

There is a research group in the Boston area that has taken independent measurements of VOCs in natural gas samples. A recording of a short presentation describing the study and its results can be found here:

<http://www.bu.edu/earth/naturalgaspublichealth/>

There is a link on the page to "morning session", the presentation of interest starts in that video around 1 hour 13 minutes.

### Condition 16: Fuel Monitoring

Should be modified to ensure that ACP is periodically measuring VOC composition and concentrations in gas flowing through the facility, as this is the gas that will be leaked or released as fugitive and venting emissions.

- Replace sentence 2 as follows:

"The permittee shall perform annual fuel analysis of on-site natural gas. The details of the tests shall be arranged with the Piedmont Regional Office. Tests shall identify, at a minimum, VOCs typically reported for EPA methods TO-15 or TO-17 for VOC analysis, and use similar or better reporting limits."

## **3 DEQ should require the most recent and stringent emissions controls for pigging operations**

### *Background*

A pipeline operator, MarkWest, recently (Apr 2018) reached an agreement with the EPA as a consequence of the company's likely violation of the Clean Air Act during its pipeline pigging operations (see <https://www.epa.gov/enforcement/markwest-clean-air-act-settlement-information-sheet>). As a result of the consent decree, MarkWest is going to publicly release design plans for emissions control technology that will reduce VOC emissions from pigging operations ("Pig Ramps") as well as educational materials for other technology to reduce VOC emissions from pigging operations ("Jumper Lines"):

"MarkWest will disseminate and make available for use by other oil and gas companies its proprietary design for Pig Ramps, which has been shown to reduce liquid accumulation and emissions from pig launcher and receiver operations. In order to promote the rapid adoption of this innovative device, MarkWest will make available on a public website, no later than six (6)

months after the Effective Date, a royalty-free license and information on the Pig Ramp design. MarkWest will also provide educational presentations and host four demonstration or training sessions per year over a three-year period (for a total of 12 sessions), with technical staff available in-person at each session, to demonstrate and encourage the installation and adoption of the technologies developed by MarkWest to reduce VOC emissions from pig launchers and receivers throughout the oil and gas industry. In conjunction with such presentations and demonstrations, MarkWest will develop comprehensive and detailed educational materials on the effective installation, maintenance, and use of Pig Ramps and Jumper Lines to reduce VOC emissions from pig launchers and receivers.”

- MarkWest consent decree, section VI, paragraph 28, pg. 16

#### New Condition:

DEQ should add an Emission Control condition stating that Pig Ramps and Jumper Line technologies be added to pigging facilities within 12 months of their design release by MarkWest. DEQ should release an addendum to the permit once it has determined the operating, testing, and recording conditions for these technologies.

## **4 Fugitive & vented emissions**

### Condition 7(b): Emissions Controls

Condition 7 outlines a program to detect and repair leaks that generally follows recent EPA guidelines.

After sentence 4, **insert a sentence** stating that if difficult to repair leaks are small enough to defer repair, then they should be repaired the next time the facility is shut down (unless delaying the repair would result in greater emissions than would result from facility shutdown):

“If a leak is found that will emit less natural gas than a facility shutdown, its repair may be delayed until the next facility shutdown unless the summed aggregate of delayed repair natural gas emissions would exceed the natural gas emissions of a facility shutdown.”

Change last sentence to:

“Records of the daily AVO inspection results, repair attempts...and reason for each delay **shall be submitted on a (monthly/quarterly/annual?) basis to the Piedmont Regional Office and also maintained on site.**”

### Condition 51: (SOE) On Site Records

This permit condition should be revised to ensure availability of detailed hexane venting emissions data.

Sentence 4: Change "...calculate the amount of hexane exhausted during **any** venting event." to "...calculate the amount of hexane exhausted during **each** venting event."

Sentence 5: Change to "**Hexane emissions shall be calculated monthly and recorded as the emissions for each venting event, as well as** the sum of each consecutive 12-month period."

Sentence 7: Change to "**These records shall be submitted to the Piedmont Regional Office (monthly/quarterly/annually?) and kept on site** available for DEQ inspection..."

#### Additional points:

Criteria pollutants are harmful at concentrations or time intervals that do not violate NAAQS. A partial list of supporting peer-reviewed research includes the following studies:

"Ambient air pollution and the risk of ischemic stroke."

Journal of the American Medical Association, Internal Medicine.

<https://jamanetwork.com/journals/jamainternalmedicine/fullarticle/1108717>

"Ambient fine particulate air pollution triggers ST-elevation myocardial infarction but not non-ST elevation myocardial infarction: A case-crossover study."

Particle and Fibre Toxicology.

<https://particleandfibretoxicology.biomedcentral.com/articles/10.1186/1743-8977-11-1>

"Low-concentration PM2.5 and mortality: Estimating acute and chronic effects in a population-based study."

Environmental Health Perspectives.

<https://ehp.niehs.nih.gov/1409111/>

"Fine particulate matters: The impact of air quality standards on cardiovascular mortality".

Environmental Research.

<https://www.ncbi.nlm.nih.gov/pubmed/29195185>

"The concentration-response between long-term PM2.5 exposure and mortality: A meta-regression approach."

Environmental Research.

<https://www.ncbi.nlm.nih.gov/pubmed/30077140>

"Association of short-term exposure to air pollution with mortality in older adults."

Journal of the American Medical Association.

<https://jamanetwork.com/journals/jama/fullarticle/2667069>

"Low level air pollution and exacerbation of existing COPD: A case crossover analysis."

Environmental Health.

<https://ehjournal.biomedcentral.com/articles/10.1186/s12940-016-0179-z>



“Concentration-response of short-term ozone exposure and hospital admissions for asthma in Texas.”

Environment International.

<https://www.ncbi.nlm.nih.gov/pubmed/28434561>

Thank you,

Joseph Jeeva Abbate

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Joseph Jeeva Abbate

Yogaville Environmental Solutions

108 Yogaville Way

Buckingham, VA 23921

office: 434-969-3121, X172

mobile: 703-626-6385

email: [jeeva@yogaville.org](mailto:jeeva@yogaville.org)



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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## Extend Comment Period for the Buckingham Compressor Air Permit

1 message

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**K Agyeman** <downsouth291@gmail.com>

Tue, Sep 11, 2018 at 10:32 AM

Reply-To: downsouth291@gmail.com

To: airdivision1@deq.virginia.gov

The concept of "tzedek" comes from the Jewish faith tradition, calling for justice and equity among all people. The vision of tzedek is one of environmental justice and clean and safe air for all to breathe. The proposed Atlantic Coast Pipeline (ACP) compressor station violates this concept as it would expose residents in Union Hill and Buckingham County to leaking pollutants such as methane gas, formaldehyde, benzene, arsenic, uranium and additional toxic volatile organic compounds (VOCs).

This 54,000+ horsepower compressor station is one of the largest that Dominion has ever built and the largest in Virginia, further endangering health of residents and increasing risk and vulnerability. Having clean air is a fundamental human right and is especially vital for children and the elderly, some of the most vulnerable to the negative impacts of inhaling pollutants.

Many of the world's major faith traditions have a mandate to care for the Earth. By doing so, we care for each other. I submit this comment with love to express my solidarity with the community of Buckingham and their health and safety concerns stemming from the construction and operation of this massive compressor station.

I urge the VA State Air Pollution Control Board and the Department of Environmental Quality (DEQ) to extend the 30-day comment period to at least 60 days, to ensure meaningful participation by impacted populations in permitting and monitoring, and to immediately complete a thorough Quantitative Risk Assessment (QRA) and a Comprehensive Health Impact Assessment (CHIA) prior to any future permitting.

I further urge the VA State Air Pollution Control Board and the DEQ to abide by the principles of environmental justice as the compressor station is proposed to be sited in Buckingham County's historic Union Hill, an 85% African American community. It is unacceptable that our society continues to disproportionately burden the poor and people of color with increased levels of dangerous air pollution.

Being unable to take a deep breath of clean air to pray or meditate at the many nearby religious sites such as Union Hill and Union Grove Churches and the LOTUS Temple, one of the many sacred places in Satchidananda Ashram Yogaville, is an egregious violation of humanity.

The risks to our sacred gift of air posed by Dominion's proposed ACP compressor station are simply too high.

K Agyeman  
1951 Gahleridge Turn  
#304  
Woodbridge, VA 22191  
202 878 5510

**Deny the Buckingham Compressor Station air permit**

1 message

**Linda Bancroft** <kaylalb@verizon.net>

Tue, Sep 11, 2018 at 2:57 PM

Reply-To: kaylalb@verizon.net

To: airdivision1@deq.virginia.gov

Director of Publ

State Air Pollution Control Board  
c/o Ann Regn, Director of Public Information and Outreach  
Virginia Department of Environmental Quality  
Phone: 804-698-4442  
Email: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)  
Fax: 804-527-5106

Dear Director Paylor and members of the Air Pollution Control Board,

I respectfully urge you to deny the draft minor source air permit for the Atlantic Coast Pipeline's Buckingham Compressor Station.

This compressor station poses a direct threat to our climate, our air quality, and - most importantly - to the lives of the historic freedman and largely African American Union Hill community. If built, the compressor station would emit methane, nitrogen oxides, volatile organic compounds and particulate matter into the air in close range to community members' homes and would be a stark example of environmental racism at play in the Commonwealth.

We ask that you deny this permit and request that the following concerns be addressed:

- DEQ and the Air Board must ensure that the permit for the Buckingham Compressor Station does not disproportionately impact marginalized communities. However, the vast majority of residents in close proximity to the proposed compressor station site - 85% - are people of color, and a large proportion are elderly or very young. Therefore, a disproportionate impact on an environmental justice community is virtually guaranteed. If the project cannot be modified to avoid this outcome, the air permit should be denied.
- ACP has not shown that the amount of toxic air emissions from the compressor will not cause or contribute to the endangerment of human health. DEQ should conduct a baseline Health Impact Assessment to better understand what ailments already exist in the community that could be exacerbated by these emissions. The elderly, very young, and community members who already have respiratory health issues are particularly at risk.
- DEQ should require ACP to continuously monitor nitrogen oxide emissions to ensure ACP is complying with the nitrogen oxide emissions limits at all operating periods. The currently proposed stack testing is not sufficient to ensure compliance with the draft permit conditions.
- DEQ should conduct further analysis of the greenhouse gas emissions associated with this proposed compressor station. While Virginia is poised to begin regulating carbon dioxide emissions from electric power plants, ignoring the greenhouse gas emissions from the infrastructure used to supply those power plants is self-defeating. With each new pipeline and compressor station built, significant amounts of methane are emitted into the atmosphere, exacerbating climate change impacts. Though methane does not last in the atmosphere nearly as long as carbon dioxide, methane is much more efficient at capturing radiation than carbon dioxide and, pound for pound, the comparative impacts of methane to carbon dioxide are 25 times greater over a 100 year period. Greenhouse gas emissions are mentioned in the draft air permit, but further analysis of impacts and plans to mitigate those emissions are necessary.
- ACP has not adequately addressed emergency response plans. Detailed plans should be drafted and shared with the community. These plans should outline evacuation and actions in response to an explosion or other emergency at the Buckingham compressor station. At this time, there is no certainty that residents could be evacuated promptly, and Buckingham County emergency responders do not have the supplies or resources to respond to a significant industrial emergency.

It is extremely important that the Air Pollution Control Board defend Union Hill, Buckingham County, and all Virginians' air and climate from the harmful impacts associated with this compressor station. I urge you to deny the permit.

Sincerely,

Linda Bancroft  
507 Craig St  
Christiansburg, VA 24073  
540-382-7837



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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## Comments for the Air Control Board

1 message

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**Maria Bergheim** <mbergheim1@gmail.com>  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 1:23 PM

Hi,

I am writing to you today, hopefully not too late to comment. I attended the State Water Control Board in Richmond last month. I sat in on that listening session and felt it was unfair for DEQ to be allowed to give a 2 hour presentation to the SWCB while residents who live within a mile or two of the MVP were forced to sit and listen.

In my opinion, it should have been the reverse. The SWCB should have allowed more residents and other concerned citizens more than 30 minutes to comment about their concerns. Luckily a few people were given time to give their response.

I am asking you, the Air Control Board, to give the resident who live in Buckingham County the decency and the respect to speak out on behalf of their lives.

There will be a compressor station, which is not needed, within a mile of Union Hill. That area is considered the heart of Virginia! Why do you feel it is necessary to build a compressor station in this beautiful location that will spew dangerous chemicals into the air?

The air you breathe, the air all residents breathe is the same! Every single person, whether they live in Buckingham, Augusta, Nelson, Harrisonburg, SW, Richmond, or even in Northern Virginia breathes the same air! You, all members of the Air Control Board breathe that same air! Don't you realize **your air** will be poisoned too? Or do you think that only poor communities aren't allowed to breathe the air you breathe? **For god's sake, wake up and realize that we all breathe the same air!!**

**Every ounce of dangerous chemicals that gets thrown up into the air travels everywhere. NO ONE is immune from those dangerous chemicals!!**

I ask that the public comment period be extended to allow proper time for everyone to comment!

I also ask and demand the DEQ do their job by doing a **Quantified Risk Assessment for the Buckingham Compressor Station prior to permitting!** They must work with other agencies to conduct a **Health Risk Assessment!**

Thank you,  
Maria Bergheim  
Activist and Organizer



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**Amy Biggs** <mailagent@thesoftedge.com>

Tue, Sep 11, 2018 at 10:40 PM

Reply-To: abiggs66219@yahoo.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Amy Biggs  
8040 Crianza Pl.  
Vienna, VA 22182-4059



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**blaizenbb@hotmail.com** <blaizenbb@hotmail.com>

Tue, Sep 11, 2018 at 8:07 PM

Reply-To: blaizenbb@hotmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Blaizen Bloom  
308 Albert Avenue  
Chesapeake, VA 23323



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**Deny the Buckingham Compressor Station air permit**

1 message

**Misty Boos** <boosamber@gmail.com>

Tue, Sep 11, 2018 at 8:59 AM

Reply-To: boosamber@gmail.com

To: airdivision1@deq.virginia.gov

Director of Publ

State Air Pollution Control Board  
c/o Ann Regn, Director of Public Information and Outreach  
Virginia Department of Environmental Quality  
Phone: 804-698-4442  
Email: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)  
Fax: 804-527-5106

Dear Director Paylor and members of the Air Pollution Control Board,

I respectfully urge you to deny the draft minor source air permit for the Atlantic Coast Pipeline's Buckingham Compressor Station.

This compressor station poses a direct threat to our climate, our air quality, and - most importantly - to the lives of the historic freedman and largely African American Union Hill community. If built, the compressor station would emit methane, nitrogen oxides, volatile organic compounds and particulate matter into the air in close range to community members' homes and would be a stark example of environmental racism at play in the Commonwealth.

We ask that you deny this permit and request that the following concerns be addressed:

- DEQ and the Air Board must ensure that the permit for the Buckingham Compressor Station does not disproportionately impact marginalized communities. However, the vast majority of residents in close proximity to the proposed compressor station site - 85% - are people of color, and a large proportion are elderly or very young. Therefore, a disproportionate impact on an environmental justice community is virtually guaranteed. If the project cannot be modified to avoid this outcome, the air permit should be denied.
- ACP has not shown that the amount of toxic air emissions from the compressor will not cause or contribute to the endangerment of human health. DEQ should conduct a baseline Health Impact Assessment to better understand what ailments already exist in the community that could be exacerbated by these emissions. The elderly, very young, and community members who already have respiratory health issues are particularly at risk.
- DEQ should require ACP to continuously monitor nitrogen oxide emissions to ensure ACP is complying with the nitrogen oxide emissions limits at all operating periods. The currently proposed stack testing is not sufficient to ensure compliance with the draft permit conditions.
- DEQ should conduct further analysis of the greenhouse gas emissions associated with this proposed compressor station. While Virginia is poised to begin regulating carbon dioxide emissions from electric power plants, ignoring the greenhouse gas emissions from the infrastructure used to supply those power plants is self-defeating. With each new pipeline and compressor station built, significant amounts of methane are emitted into the atmosphere, exacerbating climate change impacts. Though methane does not last in the atmosphere nearly as long as carbon dioxide, methane is much more efficient at capturing radiation than carbon dioxide and, pound for pound, the comparative impacts of methane to carbon dioxide are 25 times greater over a 100 year period. Greenhouse gas emissions are mentioned in the draft air permit, but further analysis of impacts and plans to mitigate those emissions are necessary.
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It is extremely important that the Air Pollution Control Board defend Union Hill, Buckingham County, and all Virginians' air and climate from the harmful impacts associated with this compressor station. I urge you to deny the permit.

Sincerely,

Misty Boos  
125b stibling ave  
Charlottesville, VA 22902  
4349711553



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**susan.fashionpolice@gmail.com** <susan.fashionpolice@gmail.com>

Tue, Sep 11, 2018 at 3:33 PM

Reply-To: susan.fashionpolice@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

I should add that I am a longtime Dominion Energy shareholder and STILL think this is a bad idea.

Sincerely,

Susan Boyd  
406 W Glebe Rd  
Alexandria, VA 22305





Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**madlynbynum@gmail.com** <madlynbynum@gmail.com>

Tue, Sep 11, 2018 at 10:54 AM

Reply-To: madlynbynum@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

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Sincerely,

Madlyn Bynum  
47 Welsh Hollow Ln #296  
SPERRYVILLE, VA 22740

**Deny the Buckingham Compressor Station air permit**

1 message

**Melissa Chadowski** <melkelly09@gmail.com>

Tue, Sep 11, 2018 at 4:19 PM

Reply-To: melkelly09@gmail.com

To: airdivision1@deq.virginia.gov

Director of Publ

State Air Pollution Control Board  
c/o Ann Regn, Director of Public Information and Outreach  
Virginia Department of Environmental Quality  
Phone: 804-698-4442  
Email: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)  
Fax: 804-527-5106

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I respectfully urge you to deny the draft minor source air permit for the Atlantic Coast Pipeline's Buckingham Compressor Station.

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It is extremely important that the Air Pollution Control Board defend Union Hill, Buckingham County, and all Virginians' air and climate from the harmful impacts associated with this compressor station. I urge you to deny the permit.

Sincerely,

Melissa Chadowski  
10300 Bushman Drive  
Oakton, VA 22124  
7578486125



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**paulachow132@gmail.com** <paulachow132@gmail.com>

Tue, Sep 11, 2018 at 8:10 AM

Reply-To: paulachow132@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Paula Chow  
132 Caroline St  
Fredericksburg, VA 22401-6104



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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## Pipeline

1 message

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**Pat Churchman** <gmapat79@gmail.com>  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 12:50 PM

This extremely disruptive project is dangerous for the type of land it's being planned to traverse; the karst makeup is very unstable and not suitable for such a project. It is also dangerous to put such a pipeline under rivers and streams, when the possibility of a leak may occur. Also it would be impossible to continue living any where near a compressor station. Please reconsider granting permission to continue with this project. Thank you.

Pat Churchman  
Bridgewater, VA



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Buckingham Compressor Station**

1 message

**Audrey Clement** <aclement65@hotmail.com>

Tue, Sep 11, 2018 at 9:52 AM

To: "airdivision1@deq.virginia.gov" <airdivision1@deq.virginia.gov>, "michael.dowd@deq.virginia.gov" <michael.dowd@deq.virginia.gov>, "patrick.corbett@deq.virginia.gov" <patrick.corbett@deq.virginia.gov>

**TO WHOM IT MAY CONCERN:**

I have the following three requests:

1. Please extend the public comment period on the Buckingham Compressor Station. The comment period should be extended because of the large amount of technical information which the public ought to scrutinize in order to comment intelligently on the matter.
2. Please complete a Quantified Risk Assessment (QRA) on the project prior to permitting it and coordinate with other state agencies to conduct a Health Risk Assessment (HRA) and a Health Impact Assessment (HRI).
3. Known pre-existing diagnoses at Union Hill, include diabetes, asthma and other lung conditions, chronic bronchitis and pneumonia, heart conditions, breast and other cancers, COPD, lupus, kidney disease, epilepsy, multiple sclerosis, brain tumor, migraines and more. Where are the studies to assure that the passage of the Transco pipeline through this portion of Buckingham is not contributing to these medical conditions? Does analysis of BACT take into consideration at-risk populations?

Audrey Clement, Ph.D.



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**ann.crittenden@rcn.com** <ann.crittenden@rcn.com>

Tue, Sep 11, 2018 at 6:16 AM

Reply-To: ann.crittenden@rcn.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Ann Crittenden  
40 Spring Wish Lane  
Flint Hill, VA 22627-1862

**Deny the Buckingham Compressor Station air permit**

1 message

**James Davidson** <jimus888@hotmail.com>

Tue, Sep 11, 2018 at 11:43 AM

Reply-To: jimus888@hotmail.com

To: airdivision1@deq.virginia.gov

Director of Publ

State Air Pollution Control Board  
c/o Ann Regn, Director of Public Information and Outreach  
Virginia Department of Environmental Quality  
Phone: 804-698-4442  
Email: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)  
Fax: 804-527-5106

Dear Director Paylor and members of the Air Pollution Control Board,

I respectfully urge you to deny the draft minor source air permit for the Atlantic Coast Pipeline's Buckingham Compressor Station.

This compressor station poses a direct threat to our climate, our air quality, and - most importantly - to the lives of the historic freedman and largely African American Union Hill community. If built, the compressor station would emit methane, nitrogen oxides, volatile organic compounds and particulate matter into the air in close range to community members' homes and would be a stark example of environmental racism at play in the Commonwealth.

We ask that you deny this permit and request that the following concerns be addressed:

- DEQ and the Air Board must ensure that the permit for the Buckingham Compressor Station does not disproportionately impact marginalized communities. However, the vast majority of residents in close proximity to the proposed compressor station site - 85% - are people of color, and a large proportion are elderly or very young. Therefore, a disproportionate impact on an environmental justice community is virtually guaranteed. If the project cannot be modified to avoid this outcome, the air permit should be denied.
- ACP has not shown that the amount of toxic air emissions from the compressor will not cause or contribute to the endangerment of human health. DEQ should conduct a baseline Health Impact Assessment to better understand what ailments already exist in the community that could be exacerbated by these emissions. The elderly, very young, and community members who already have respiratory health issues are particularly at risk.
- DEQ should require ACP to continuously monitor nitrogen oxide emissions to ensure ACP is complying with the nitrogen oxide emissions limits at all operating periods. The currently proposed stack testing is not sufficient to ensure compliance with the draft permit conditions.
- DEQ should conduct further analysis of the greenhouse gas emissions associated with this proposed compressor station. While Virginia is poised to begin regulating carbon dioxide emissions from electric power plants, ignoring the greenhouse gas emissions from the infrastructure used to supply those power plants is self-defeating. With each new pipeline and compressor station built, significant amounts of methane are emitted into the atmosphere, exacerbating climate change impacts. Though methane does not last in the atmosphere nearly as long as carbon dioxide, methane is much more efficient at capturing radiation than carbon dioxide and, pound for pound, the comparative impacts of methane to carbon dioxide are 25 times greater over a 100 year period. Greenhouse gas emissions are mentioned in the draft air permit, but further analysis of impacts and plans to mitigate those emissions are necessary.
- ACP has not adequately addressed emergency response plans. Detailed plans should be drafted and shared with the community. These plans should outline evacuation and actions in response to an explosion or other emergency at the Buckingham compressor station. At this time, there is no certainty that residents could be evacuated promptly, and Buckingham County emergency responders do not have the supplies or resources to respond to a significant industrial emergency.

It is extremely important that the Air Pollution Control Board defend Union Hill, Buckingham County, and all Virginians' air and climate from the harmful impacts associated with this compressor station. I urge you to deny the permit.

Sincerely,

James Davidson  
136 Charlie Thompson Rd  
Vilas, NC 28692  
8282621220



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**Natalie Deboer** <mailagent@thesoftedge.com>

Tue, Sep 11, 2018 at 6:28 PM

Reply-To: nbd53@yahoo.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Natalie Deboer  
8823 Michaux Ln  
Henrico, VA 23229-6337





Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

---

**Letter of Support - Air permit for Buckingham Compressor Station**1 message

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**Sierra Duncan** <SDuncan@cumberlandcounty.virginia.gov>  
To: "airdivision1@deq.virginia.gov" <airdivision1@deq.virginia.gov>  
Cc: Vivian Giles <vgiles@cumberlandcounty.virginia.gov>

Tue, Sep 11, 2018 at 11:35 AM

Good Afternoon,

We hope you are having a lovely day! Please see attached letter of support from Cumberland County re: the Buckingham Compressor Station Air Permit. If you should have any questions, please feel free to contact us.

Regards,

Sierra Nicole Duncan

Sr. Executive Assistant

Cumberland County

1 Courthouse Circle

P.O. Box 110

Cumberland, VA 23040

804-492-3625 (P)

804-492-9224 (F)



**DEQ Letter of Support.pdf**  
650K



# County of Cumberland Virginia

1 Courthouse Circle | P.O. Box 110  
Cumberland, Virginia 23040  
Telephone 804 492 3800  
Facsimile 804 492 9224  
info@cumberlandcounty.virginia.gov  
www.cumberlandcounty.virginia.gov

William F. Osl, Jr.  
District 1

Lloyd Banks Jr.  
District 2

William K. "Kevin" Ingle  
District 3

David E. Meinhard  
District 4

Parker H. Wheeler  
District 5

September 11, 2018

Virginia Department of Environmental Quality  
Piedmont Regional Office  
4949-A Cox Road  
Glen Allen, VA 23060

**Re: Buckingham Compressor Station**

Dear Department of Environmental Quality:

On behalf of the County of Cumberland, I appreciate this opportunity to submit our comments on the draft air quality permit for the Buckingham Compressor Station. As you know, the station is an integral part of the Atlantic Coast Pipeline, and Cumberland County, along with many other members of the Commonwealth's business community, have supported the project. We believe our state's continued economic health and growth depends upon a secure, reliable and affordable supply of energy. The pipeline is a key to achieving that goal.

However, Cumberland County could not support the project, no matter how attractive it might be from an energy standpoint, if we felt it had the potential to damage Virginia's environment. We are impressed with the thoroughness and dedication your department has brought to reviewing the ACP's environmental impacts and your willingness to take strong steps to ensure those impacts are held to an absolute minimum. You have shown that same dedication in developing the draft air permit.

We are very pleased with the strict emissions limits included in the draft. Although the station is classified under federal and state regulations as a "minor" source of emissions, we are told that the limits included in the draft permit are much more typical of those imposed on larger facilities with much higher emissions levels. In fact, we understand that the limits in the draft Buckingham permit are four to 10 times stricter than the limits in any other permit recently issued for compressor stations in Virginia. These stringent limits apply to regulated emissions ranging from nitrogen oxides to volatile organic compounds to carbon monoxide, and they will help ensure that Virginia's air remains clean and healthy, even as we expand our energy infrastructure.



Additionally, we are impressed by the control technology required by the draft permit. Here again, these controls are more typical of those mandated for much larger facilities with higher levels of emissions. The systems included in the draft permit cover an impressive range from selective catalytic reduction to a vent gas recovery system designed to minimize the release of natural gas into the atmosphere. We are confident that the developers will carry out the permit's strong requirements for air quality protection.

The Department of Environmental Quality has worked hard for many years to ensure that future generations of Virginians will have clean water and air; we applaud you for continuing that work through the terms and conditions in the draft Buckingham air permit. And again, Cumberland County thanks you for the opportunity to offer our comments on this important regulatory matter.

Sincerely,

Vivian Seay Giles, J.D., LL.M.  
County Attorney | County Administrator  
Direct Dial: 804-492-3578  
[vgiles@cumberlandcounty.virginia.gov](mailto:vgiles@cumberlandcounty.virginia.gov)



---

**Deny the Buckingham Compressor Station air permit**

1 message

**Heather Engman** <heather.engman@gmail.com>

Tue, Sep 11, 2018 at 12:15 PM

Reply-To: heather.engman@gmail.com

To: airdivision1@deq.virginia.gov

Director of Publ

State Air Pollution Control Board  
c/o Ann Regn, Director of Public Information and Outreach  
Virginia Department of Environmental Quality  
Phone: 804-698-4442  
Email: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)  
Fax: 804-527-5106

Dear Director Paylor and members of the Air Pollution Control Board,

I respectfully urge you to deny the draft minor source air permit for the Atlantic Coast Pipeline's Buckingham Compressor Station.

This compressor station poses a direct threat to our climate, our air quality, and - most importantly - to the lives of the historic freedman and largely African American Union Hill community. If built, the compressor station would emit methane, nitrogen oxides, volatile organic compounds and particulate matter into the air in close range to community members' homes and would be a stark example of environmental racism at play in the Commonwealth.

We ask that you deny this permit and request that the following concerns be addressed:

- DEQ and the Air Board must ensure that the permit for the Buckingham Compressor Station does not disproportionately impact marginalized communities. However, the vast majority of residents in close proximity to the proposed compressor station site - 85% - are people of color, and a large proportion are elderly or very young. Therefore, a disproportionate impact on an environmental justice community is virtually guaranteed. If the project cannot be modified to avoid this outcome, the air permit should be denied.
- ACP has not shown that the amount of toxic air emissions from the compressor will not cause or contribute to the endangerment of human health. DEQ should conduct a baseline Health Impact Assessment to better understand what ailments already exist in the community that could be exacerbated by these emissions. The elderly, very young, and community members who already have respiratory health issues are particularly at risk.
- DEQ should require ACP to continuously monitor nitrogen oxide emissions to ensure ACP is complying with the nitrogen oxide emissions limits at all operating periods. The currently proposed stack testing is not sufficient to ensure compliance with the draft permit conditions.
- DEQ should conduct further analysis of the greenhouse gas emissions associated with this proposed compressor station. While Virginia is poised to begin regulating carbon dioxide emissions from electric power plants, ignoring the greenhouse gas emissions from the infrastructure used to supply those power plants is self-defeating. With each new pipeline and compressor station built, significant amounts of methane are emitted into the atmosphere, exacerbating climate change impacts. Though methane does not last in the atmosphere nearly as long as carbon dioxide, methane is much more efficient at capturing radiation than carbon dioxide and, pound for pound, the comparative impacts of methane to carbon dioxide are 25 times greater over a 100 year period. Greenhouse gas emissions are mentioned in the draft air permit, but further analysis of impacts and plans to mitigate those emissions are necessary.
- ACP has not adequately addressed emergency response plans. Detailed plans should be drafted and shared with the community. These plans should outline evacuation and actions in response to an explosion or other emergency at the Buckingham compressor station. At this time, there is no certainty that residents could be evacuated promptly, and Buckingham County emergency responders do not have the supplies or resources to respond to a significant industrial emergency.

It is extremely important that the Air Pollution Control Board defend Union Hill, Buckingham County, and all Virginians' air and climate from the harmful impacts associated with this compressor station. I urge you to deny the permit.

Sincerely,

Heather Engman  
4481 MacArthur Blvd. NW, #301  
Washington, DC 20007  
206-601-5955



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

---

**sydbarrett74@gmail.com** <sydbarrett74@gmail.com>

Tue, Sep 11, 2018 at 10:44 AM

Reply-To: sydbarrett74@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Victor Escobar  
11747 North Briar Patch Drive  
Midlothian, VA 23113-2366



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**monaskonfarm@outlook.com** <monaskonfarm@outlook.com>

Tue, Sep 11, 2018 at 1:33 PM

Reply-To: monaskonfarm@outlook.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

David Evans  
296 Granville Bay Road  
Lancaster, VA 22503-3442



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Union Hill, VA ACP Compressor Station**1 message

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**Elizabeth Fine** <ecfine@gmail.com>

Tue, Sep 11, 2018 at 10:39 AM

To: airdivision1@deq.virginia.gov, michael.dowd@deq.virginia.gov, patrick.corbett@deq.virginia.gov

Dominion Energy's Atlantic Coast Pipeline Compressor Station at Union Hill, VA

To whom it may concern:

I am writing to request that the Virginia Air Control Board extend the public comment period for the proposed Atlantic Coast Pipeline Compressor Station at Union Hill, VA. Residents have had only weeks to analyze a landslide of technical information about this massive project.

I also request that the Department of Environmental Quality (DEQ) complete a Quantified Risk Assessment (QRA) for the Buckingham Compressor Station prior to permitting, and request that the DEQ will coordinate with other state agencies to conduct a Health Risk Assessment (HRA) and a Health Impact Assessment (HRI).

The known pre-existing diagnoses of Union Hill residents include diabetes, asthma, and other lung conditions; chronic bronchitis and pneumonia; heart conditions; breast and other cancers; COPD; lupus; kidney disease; epilepsy; multiple sclerosis; brain tumors; migraines; and more. Have any studies been conducted to prove that the existing Transco pipeline is not contributing to these medical conditions?

Please extend the public comment period and do everything possible to protect the people of Union Hill, Virginia.

Sincerely,

Elizabeth C. Fine  
Blacksburg, VA



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment re: Buckingham Compressor Station**

1 message

**Lee K Francis** <lfrancis@valcv.org>

Tue, Sep 11, 2018 at 4:32 PM

To: airdivision1@deq.virginia.gov

Cc: CitizenBoards@deq.virginia.gov, David Paylor &lt;David.Paylor@deq.virginia.gov&gt;, Matt.Strickler@governor.virginia.gov

All:

Please see the attached public comments from the Virginia League of Conservation Voters and Virginia Conservation Network regarding the draft air permit for the Buckingham Compressor Station.

Don't hesitate to contact me if you have any questions or concerns.

Lee Francis  
Communications Manager

Phone: 804-225-1902  
Email: [lfrancis@valcv.org](mailto:lfrancis@valcv.org)  
Online: [valcv.org](http://valcv.org)

Follow Virginia LCV on [Facebook](#) and [Twitter](#)!

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**2 attachments****VALCV\_logo\_small.jpg**  
20K**Buckingham\_Permit\_Comment.pdf**  
301K





*Via email to:*

[airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)

[CitizenBoards@deq.virginia.gov](mailto:CitizenBoards@deq.virginia.gov)

[David.Paylor@deq.virginia.gov](mailto:David.Paylor@deq.virginia.gov)

[Matt.Strickler@governor.virginia.gov](mailto:Matt.Strickler@governor.virginia.gov)

Members of the Virginia State Air Pollution Control Board  
c/o Office of Regulatory Affairs  
Department of Environmental Quality  
P.O. Box 1105  
Richmond, Virginia 23218

David Paylor, Director  
Virginia Department of Environmental Quality  
P.O. Box 1105  
Richmond, Virginia 23218  
*Submitted Via Email*

Dear Members of the Virginia State Air Pollution Control Board and Director Paylor:

Thank you for the opportunity to comment on the proposed air permit for the Dominion Energy Buckingham Compressor Station. We respectfully urge you to reject this permit, or, at the very least, extend the public comment period another 30 days to allow stakeholders adequate time to fully vet a project with very real implications to public health and safety.

Moving forward with this permit has the potential to negatively impact the public health and safety of the surrounding community in Buckingham County and would contribute further to the commonwealth's long-term greenhouse gas emissions at a time when we are working to lower air pollution and transition away from fossil fuels.

This station will emit a steady stream of noxious gases, which have the potential to pollute air at the ground level and to impact public health. The estimated 34.2 tons per year (TPY) of nitrogen oxides, 39.2 TPY carbon monoxide, 9.8 TPY volatile organic compounds, 8.3 TPY sulfur dioxide, 43.2 TPY of particulate outlined in the permit are only accurate if everything operates as it should. These levels don't take into account the emissions released during ongoing maintenance activities or if the plant is faulty.

Even when these plants operate as they are intended, those who live close to compressor stations have seen negative health impacts, and chemicals other than those outlined in the permit before the Board have been detected near other stations. As reported in the Roanoke Times ("Natural Gas Station Worries Possible Neighbors," June 21, 2015), regulators in Texas and Pennsylvania have also detected airborne chemicals

such as benzene and formaldehyde, which are harmful to human health. Neighbors of a facility in Pennsylvania reported experiencing immediate, negative health impacts, including nosebleeds and eye and throat irritation as soon as the station came online.

The fuel source powering the project and the one which this station would help pipe downstream is methane, one of the world's most potent greenhouse gases and one inflicting untold harm on our planet as natural gas extraction and combustion increases domestically and across the globe. The Air Board should take this fact into consideration – emissions associated with this station are greater than those just emitted at the local level. This project would contribute to and exacerbate an already untenable problem, and goes against the commonwealth's own goals of cutting harmful emissions from the power sector. Approving this permit would undermine progress made toward this goal.

On top of the fact that emissions from this station could have localized health impacts and untold consequences to our climate, compressor stations simply aren't safe. In fact, they erupt with unnerving frequency.

Sept. 29, 2017, a compressor station operated by EQT Midstream Partners in Doddridge County, West Virginia, exploded, prompting a widespread evacuation surrounding the facility, as reported by WDTV-Channel 5. Thankfully, no one was injured in the blast.

That wasn't the case on July 28, when two men were badly burned in Cisco, Utah as a compression station erupted, according to the Grand Junction Daily Sentinel ("Explosion Near Gas Plant in Cisco, Utah Seriously Injures Two," July 28, 2018). July 27, local media outlet yourbasin.com reported that in Ward, Texas a man identified as Jesus Levario of Anthony, New Mexico, was killed during an explosion at a compressor station ("Victim Killed in Compressor Station Explosion Identified, Others Improving, Sheriff Says," July 30, 2018). Two others were injured.

These are not benign facilities – the consequences of an explosion in rural Buckingham County could be dire and the Air Board has an obligation to take into consideration the health and safety of local communities when considering regulatory matters.

We urge the Board to act on behalf of the citizens' health and safety by rejecting this permit outright, or, at the bare minimum, extending the public comment to give the Board more time to consider its actions and to allow the public to fully weigh in on a project that could have many, negative consequences to Buckingham County and the commonwealth as a whole.

Sincerely,

Michael Town  
Executive Director  
Virginia League of Conservation Voters  
100 W. Franklin Street, Suite 102  
Richmond, Va. 23220  
(804) 225-1902

Mary Raferty  
Executive Director  
Virginia Conservation Network  
103 East Main Street, Suite 1  
Richmond, VA 23219  
(804) 644-0283

Air Division 1, rr <[airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)>

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## Deny the Buckingham Compressor Station air permit

1 message

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**Kristen Gardner** <[gardner.k.e@gmail.com](mailto:gardner.k.e@gmail.com)>

Tue, Sep 11, 2018 at 8:32 PM

Reply-To: [gardner.k.e@gmail.com](mailto:gardner.k.e@gmail.com)

To: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)

Director of Publ

State Air Pollution Control Board  
c/o Ann Regn, Director of Public Information and Outreach  
Virginia Department of Environmental Quality  
Phone: 804-698-4442  
Email: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)  
Fax: 804-527-5106

Dear Director Paylor and members of the Air Pollution Control Board,

I respectfully urge you to deny the draft minor source air permit for the Atlantic Coast Pipeline's Buckingham Compressor Station.

This compressor station poses a direct threat to our climate, our air quality, and - most importantly - to the lives of the historic freedman and largely African American Union Hill community. If built, the compressor station would emit methane, nitrogen oxides, volatile organic compounds and particulate matter into the air in close range to community members' homes and would be a stark example of environmental racism at play in the Commonwealth.

We ask that you deny this permit and request that the following concerns be addressed:

- DEQ and the Air Board must ensure that the permit for the Buckingham Compressor Station does not disproportionately impact marginalized communities. However, the vast majority of residents in close proximity to the proposed compressor station site - 85% - are people of color, and a large proportion are elderly or very young. Therefore, a disproportionate impact on an environmental justice community is virtually guaranteed. If the project cannot be modified to avoid this outcome, the air permit should be denied.
- ACP has not shown that the amount of toxic air emissions from the compressor will not cause or contribute to the endangerment of human health. DEQ should conduct a baseline Health Impact Assessment to better understand what ailments already exist in the community that could be exacerbated by these emissions. The elderly, very young, and community members who already have respiratory health issues are particularly at risk.
- DEQ should require ACP to continuously monitor nitrogen oxide emissions to ensure ACP is complying with the nitrogen oxide emissions limits at all operating periods. The currently proposed stack testing is not sufficient to ensure compliance with the draft permit conditions.
- DEQ should conduct further analysis of the greenhouse gas emissions associated with this proposed compressor station. While Virginia is poised to begin regulating carbon dioxide emissions from electric power plants, ignoring the greenhouse gas emissions from the infrastructure used to supply those power plants is self-defeating. With each new pipeline and compressor station built, significant amounts of methane are emitted into the atmosphere, exacerbating climate change impacts. Though methane does not last in the atmosphere nearly as long as carbon dioxide, methane is much more efficient at capturing radiation than carbon dioxide and, pound for pound, the comparative impacts of methane to carbon dioxide are 25 times greater over a 100 year period. Greenhouse gas emissions are mentioned in the draft air permit, but further analysis of impacts and plans to mitigate those emissions are necessary.
- ACP has not adequately addressed emergency response plans. Detailed plans should be drafted and shared with the community. These plans should outline evacuation and actions in response to an explosion or other emergency at the Buckingham compressor station. At this time, there is no certainty that residents could be evacuated promptly, and Buckingham County emergency responders do not have the supplies or resources to respond to a significant industrial emergency.

9/25/2018

Commonwealth of Virginia Mail - Deny the Buckingham Compressor Station air permit

It is extremely important that the Air Pollution Control Board defend Union Hill, Buckingham County, and all Virginians' air and climate from the harmful impacts associated with this compressor station. I urge you to deny the permit.

Sincerely,

Kristen Gardner  
123 S Dickenson Ave  
Sterling, VA 20164  
9085008868



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

---

**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**gardner.k.e@gmail.com** <gardner.k.e@gmail.com>

Tue, Sep 11, 2018 at 8:34 PM

Reply-To: gardner.k.e@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Kristen Gardner  
123 S. Dickenson Ave  
Sterling, VA 20164-2843

**Deny the Buckingham Compressor Station air permit**

1 message

**Linda Haas** <lindahaas88@gmail.com>

Tue, Sep 11, 2018 at 7:42 AM

Reply-To: lindahaas88@gmail.com

To: airdivision1@deq.virginia.gov

Director of Publ

State Air Pollution Control Board  
c/o Ann Regn, Director of Public Information and Outreach  
Virginia Department of Environmental Quality  
Phone: 804-698-4442  
Email: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)  
Fax: 804-527-5106

Dear Director Paylor and members of the Air Pollution Control Board,

I respectfully urge you to deny the draft minor source air permit for the Atlantic Coast Pipeline's Buckingham Compressor Station.

This compressor station poses a direct threat to our climate, our air quality, and - most importantly - to the lives of the historic freedman and largely African American Union Hill community. If built, the compressor station would emit methane, nitrogen oxides, volatile organic compounds and particulate matter into the air in close range to community members' homes and would be a stark example of environmental racism at play in the Commonwealth.

We ask that you deny this permit and request that the following concerns be addressed:

- DEQ and the Air Board must ensure that the permit for the Buckingham Compressor Station does not disproportionately impact marginalized communities. However, the vast majority of residents in close proximity to the proposed compressor station site - 85% - are people of color, and a large proportion are elderly or very young. Therefore, a disproportionate impact on an environmental justice community is virtually guaranteed. If the project cannot be modified to avoid this outcome, the air permit should be denied.
- ACP has not shown that the amount of toxic air emissions from the compressor will not cause or contribute to the endangerment of human health. DEQ should conduct a baseline Health Impact Assessment to better understand what ailments already exist in the community that could be exacerbated by these emissions. The elderly, very young, and community members who already have respiratory health issues are particularly at risk.
- DEQ should require ACP to continuously monitor nitrogen oxide emissions to ensure ACP is complying with the nitrogen oxide emissions limits at all operating periods. The currently proposed stack testing is not sufficient to ensure compliance with the draft permit conditions.
- DEQ should conduct further analysis of the greenhouse gas emissions associated with this proposed compressor station. While Virginia is poised to begin regulating carbon dioxide emissions from electric power plants, ignoring the greenhouse gas emissions from the infrastructure used to supply those power plants is self-defeating. With each new pipeline and compressor station built, significant amounts of methane are emitted into the atmosphere, exacerbating climate change impacts. Though methane does not last in the atmosphere nearly as long as carbon dioxide, methane is much more efficient at capturing radiation than carbon dioxide and, pound for pound, the comparative impacts of methane to carbon dioxide are 25 times greater over a 100 year period. Greenhouse gas emissions are mentioned in the draft air permit, but further analysis of impacts and plans to mitigate those emissions are necessary.
- ACP has not adequately addressed emergency response plans. Detailed plans should be drafted and shared with the community. These plans should outline evacuation and actions in response to an explosion or other emergency at the Buckingham compressor station. At this time, there is no certainty that residents could be evacuated promptly, and Buckingham County emergency responders do not have the supplies or resources to respond to a significant industrial emergency.

It is extremely important that the Air Pollution Control Board defend Union Hill, Buckingham County, and all Virginians' air and climate from the harmful impacts associated with this compressor station. I urge you to deny the permit.

Sincerely,

Linda Haas  
202 Silver Maple Ln  
Pilot, VA 24138  
540-651-2324



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**sbhamer13@gmail.com** <sbhamer13@gmail.com>

Tue, Sep 11, 2018 at 11:14 AM

Reply-To: sbhamer13@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Sarah Hamer  
1408 Monterey Ave., Apt. 1  
Norfolk, VA 23508-1733



---

**Deny the Buckingham Compressor Station air permit**

1 message

**Deborah Harris** <traiflyer@gmail.com>

Tue, Sep 11, 2018 at 11:36 AM

Reply-To: traiflyer@gmail.com

To: airdivision1@deq.virginia.gov

Director of Publ

State Air Pollution Control Board  
c/o Ann Regn, Director of Public Information and Outreach  
Virginia Department of Environmental Quality  
Phone: 804-698-4442  
Email: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)  
Fax: 804-527-5106

Dear Director Paylor and members of the Air Pollution Control Board,

I beg you to deny the draft minor source air permit for the Atlantic Coast Pipeline's Buckingham Compressor Station. It is alarming and distressing that with the fracking, the pipelines, the compressor stations and all so many lives are jeopardized and disrupted.

This compressor station poses a direct threat to our climate, our air quality, and - most importantly - to the lives of the historic freedman and largely African American Union Hill community. If built, the compressor station would emit methane, nitrogen oxides, volatile organic compounds and particulate matter into the air in close range to community members' homes and would be a stark example of environmental racism at play in the Commonwealth.

We ask that you deny this permit and request that the following concerns be addressed:

- DEQ and the Air Board must ensure that the permit for the Buckingham Compressor Station does not disproportionately impact marginalized communities. However, the vast majority of residents in close proximity to the proposed compressor station site - 85% - are people of color, and a large proportion are elderly or very young. Therefore, a disproportionate impact on an environmental justice community is virtually guaranteed. If the project cannot be modified to avoid this outcome, the air permit should be denied.
- ACP has not shown that the amount of toxic air emissions from the compressor will not cause or contribute to the endangerment of human health. DEQ should conduct a baseline Health Impact Assessment to better understand what ailments already exist in the community that could be exacerbated by these emissions. The elderly, very young, and community members who already have respiratory health issues are particularly at risk.
- DEQ should require ACP to continuously monitor nitrogen oxide emissions to ensure ACP is complying with the nitrogen oxide emissions limits at all operating periods. The currently proposed stack testing is not sufficient to ensure compliance with the draft permit conditions.
- DEQ should conduct further analysis of the greenhouse gas emissions associated with this proposed compressor station. While Virginia is poised to begin regulating carbon dioxide emissions from electric power plants, ignoring the greenhouse gas emissions from the infrastructure used to supply those power plants is self-defeating. With each new pipeline and compressor station built, significant amounts of methane are emitted into the atmosphere, exacerbating climate change impacts. Though methane does not last in the atmosphere nearly as long as carbon dioxide, methane is much more efficient at capturing radiation than carbon dioxide and, pound for pound, the comparative impacts of methane to carbon dioxide are 25 times greater over a 100 year period. Greenhouse gas emissions are mentioned in the draft air permit, but further analysis of impacts and plans to mitigate those emissions are necessary.
- ACP has not adequately addressed emergency response plans. Detailed plans should be drafted and shared with the community. These plans should outline evacuation and actions in response to an explosion or other emergency at the Buckingham compressor station. At this time, there is no certainty that residents could be evacuated promptly, and Buckingham County emergency responders do not have the supplies or resources to respond to a significant industrial emergency.

It is extremely important that the Air Pollution Control Board defend Union Hill, Buckingham County, and all Virginians' air and climate from the harmful impacts associated with this compressor station. I urge you to deny the permit.

Sincerely,

Deborah Harris  
POB 602  
Floyd, VA 24091  
5407632220





Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**joanrhayes@gmail.com** <joanrhayes@gmail.com>

Tue, Sep 11, 2018 at 10:43 AM

Reply-To: joanrhayes@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

joan hayes  
951 Oak Hill Rd  
Lancaster, VA 22503-4026



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

---

**Compressor station at Union Hill**

1 message

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**Mike Hill** <mikefrommidlo@gmail.com>

Tue, Sep 11, 2018 at 12:17 PM

To: "airdivision1@deq.virginia.gov" &lt;airdivision1@deq.virginia.gov&gt;

Please deny the permit for the construction of this station and anything else to do with construction of pipeline related matters in Union Hill. Just a minimum amount of research makes it obvious that this unnecessary development is dangerous to the environment, the natural wildlife and people who live in this area already.

--

Mike



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Comments on 21599- ACP/ Buckingham Co. Compressor Station**

1 message

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**Benjamin Hoyne** <ben@virginiaclinicians.org>  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 1:27 PM

Greetings,  
Virginia Clinicians for Climate Action would like to submit the attached comments on behalf of project 21599, Atlantic Coast Pipeline, LLC- Buckingham County Compressor Station in Buckingham County, Virginia.  
Thank you

--

Ben Hoyne, MA (Env. Policy), MBA

Consultant/ Director  
Virginia Clinicians for Climate Action[ben@virginiaclinicians.org](mailto:ben@virginiaclinicians.org)  
804-349-3671

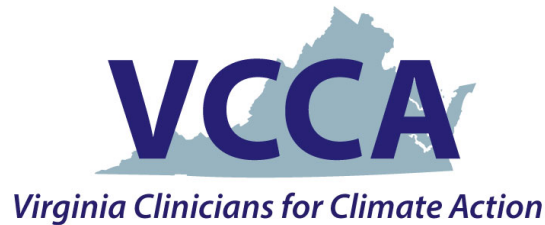
Richmond, VA

@VA\_Clinicians  
[www.VirginiaClinicians.org](http://www.VirginiaClinicians.org)

A network of clinician leaders that advocate for solutions to the health effects of climate change.

"Our most basic common link is that we all inhabit this small planet. We all breathe the same air. We all cherish our children's future. And we are all mortal." - John F. Kennedy

**21599.VCCA.DEQ.AirBoard.9.11.18.pdf**  
98K



Virginia Department of Environmental Quality  
Piedmont Regional Office  
4949-A Cox Rd  
Glen Allen, VA 23060

September 11, 2018

Dear Members of the Air Pollution Control Board:

Representing the Virginia Clinicians for Climate Action (VCCA) we urge you to consider the health impacts of the proposed Atlantic Coast Pipeline Buckingham Compressor Station.

As physicians we know that our patients cannot be healthy if the air, water and soil are contaminated with pollutants. The draft permit and air modeling report for the compressor station do not assess or comprehensively consider health impacts and fail to adequately protect vulnerable at risk populations who reside near the proposed compressor.

The majority of the population surrounding the proposed compressor station is African American and includes both the elderly and children who are more vulnerable to air pollutants, especially particulate matter. We do not know the specific health status of nearby residents, as a comprehensive health impact assessment is not part of the regulatory process.

The American Lung Association does report that of the 17,048 residents of Buckingham County there are 255 children and 1,190 adults with asthma, 896 people with COPD, and 1,237 patients with cardiovascular disease. Along with the greater than 3,000 children and 3,000 adults over 65, these populations are all at risk from air pollutants.

The air modeling report conducted concludes that health will be protected because the levels of the modeled pollutants do not exceed the National Ambient Air Quality Standards (NAAQS). When considering health impacts, applying regional air quality standards will not be sensitive enough to assess the risks to people who reside within a mile or two of the compressor station, as the closest air monitoring station is approximately 62 miles away.

In the context of drilling, concern has been raised about whether the ambient air standards are sufficient to address risks due to the episodic release of pollutants.<sup>1</sup> Ambient air monitoring does not capture the intensity, duration, and frequency of exposures. This concern also applies to people in close proximity to compressor stations where shutdowns, blow downs, fugitive emissions are also episodic. Sensitive and vulnerable populations, like the residents of Union Hill are at increased risk to these exposures and should be protected.

The permit will allow 190.3 tons of air pollutant emissions in this vulnerable neighborhood. Other hazardous air pollutants and toxics will also be emitted from the compressor station, but are not described in the permit, as they do not rise to the level regulated in Virginia statutes.

We know that exposure to air pollution leads to excess asthma events, excess respiratory and cardiovascular disease and diminished quality of life.

We ask you to consider the health and safety of the residents of Union Hill and take appropriate action to protect their health by denying the permit or including requirements for fence line monitoring to insure that the air quality standards are achieved on an hourly basis year round.

You have a unique opportunity to prevent harm that will inevitably be caused by this compressor station. We request that you take action to eliminate, reduce or mitigate the risks from emissions at the Buckingham Compressor Station. The safety and health of nearby residents should guide your consideration of the air permit.

Thank you for your consideration,

Virginia Clinicians for Climate Action

<sup>1</sup> American Lung Association, State of the Air 2018. <http://www.lung.org/our-initiatives/healthy-air/sota/city-rankings/states/virginia/buckingham.html>

Accessed 8/23/2018

<sup>2</sup> Brown, D et. al. Understanding exposure from natural gas drilling puts current air standards to the test. Rev Environ Health. 2014;29(4): 277-92.

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<sup>1</sup> Brown, David, et.al. Understanding exposure from natural gas drilling puts current air standards to the test. Reviews on Environmental Health 2014; 29 (4): 272-92.



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**Marie Hyder** <mailagent@thesoftedge.com>

Tue, Sep 11, 2018 at 9:44 AM

Reply-To: catluvr1019@yahoo.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Our air and our environment are being bombarded from all sides at the expense of this current administration. PLEASE do not make the situation worse for Virginia.

Sincerely,

Marie Hyder  
6553 China Grove Ct  
Alexandria, VA 22310-2432



---

**Buckingham Compressor Station Air Permit**

1 message

**Alek Hyra (886426@gmail.com) Sent You a Personal Message** <automail@knowwho.com>

Tue, Sep 11, 2018 at 5:03 PM

To: airdivision1@deq.virginia.gov

Dear Ann Regn,

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

A compressor station of this scale is unprecedented in Virginia. The proposed compressor station would be the largest in Virginia's history. Despite this, the draft permit does not contain sufficient analysis of impacts on the community and how impacts will be mitigated. The draft permit does not sufficiently explain how the compressor station will impact the community or why the standards and methodologies it relies on to analyze impacts are enough to protect human health.

- In the analysis of the draft permit, the Virginia Department of Environmental Quality states, based on a 2017 evaluation, that the proposed site for the compressor station is "sparsely populated". However, research done by community groups indicates that this is absolutely not true and that there are hundreds of Virginians living close to the site.

- Some residents live as close as half a mile from the proposed compressor station site. Evidence shows people living near compressor stations have suffered from symptoms ranging from rashes to gastrointestinal, respiratory, neurological and psychological problems. The draft permit does not explain how the air quality and health of these especially vulnerable residents will be protected over time from harmful air emissions.

- The draft permit will require mostly self-monitoring by Dominion of air quality and emissions. It does not explain why installing further community monitoring technology is unnecessary to protect air quality and human health.

- A Quantitative Risk Assessment and Comprehensive Health Impact Assessment should be conducted to address the complex and multifaceted ways that the health of residents could be impacted by emissions from the compressor station.

- No mention of how air quality emergencies will impact the community or be mitigated is included in the draft permit.

- While greenhouse gas emissions are briefly mentioned, there is no analysis of how measures established in the draft permit will ensure that air quality and human health will be protected from climate change impacts.

Virginians rely on the expertise of public officials like those on the Air Board to ensure their health and environment is protected. It is imperative that the deficiencies noted above are addressed so that the comprehensive impacts on air quality and the health of Virginians can be adequately considered and addressed before a permit is issued.

For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely,

Alek Hyra  
6314 Alberta St  
Springfield, VA 22152  
[886426@gmail.com](mailto:886426@gmail.com)  
(703) 912-9661

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Buckingham Compressor Station**

1 message

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**Eric Johnson** <ejohnson@loudounchamber.org>  
To: "airdivision1@deq.virginia.gov" <airdivision1@deq.virginia.gov>

Tue, Sep 11, 2018 at 1:59 PM

Please see the attached letter.

**Eric C. Johnson**

Government Relations Manager

Loudoun Chamber

571.209.9024 [o]

703.431.5572 [m]

**@LoudounChamber****@\_EricCJohnson**

[Click Here to Subscribe to our Newsletter!](#)

*The Loudoun Chamber advocates for policies that create and promote a world-class business climate and quality of life in Loudoun County and Virginia. The Chamber will continue our long-standing efforts to ensure that our elected officials, at all levels of government, hear the business community's perspective on these important issues, and work with the business community to advance pro-business, pro-growth, pro-quality of life solutions for our local, state, regional and national challenges.*

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**Buckingham Compressor Station.pdf**  
1351K





**LOUDOUN**  
CHAMBER

1968 ★ FIFTY YEARS ★ 2018

September 11, 2018

Virginia Department of Environmental Quality  
Piedmont Regional Office  
4949-A Cox Road  
Glen Allen, VA 23060

RE: Buckingham Compressor Station

Dear Department of Environmental Quality:

On behalf of the Loudoun Chamber and our more than 1,200-member businesses, I appreciate this opportunity to submit our comments on the draft air quality permit for the Buckingham Compressor Station. As you know, the station is an integral part of the Atlantic Coast Pipeline, and the Loudoun Chamber, along with many other members of the Commonwealth's business community, have strongly supported the project. We believe our state's continued economic health and growth depends upon a secure, reliable and affordable supply of energy. The pipeline is a key to achieving that goal.

However, we could not support the project, no matter how attractive it might be from an energy standpoint, if we felt it had the potential to damage Virginia's environment. Fortunately, we have no such concerns. We are impressed by the developers' commitment to protecting our natural resources. We are equally impressed with the thoroughness and dedication your department has brought to reviewing the ACP's environmental impacts and your willingness to take strong steps to ensure those impacts are held to an absolute minimum. You have shown that same dedication in developing the draft air permit.

We are very pleased with the strict emissions limits included in the draft. Although the station is classified under federal and state regulations as a "minor" source of emissions, we are told that the limits included in the draft permit are much more typical of those imposed on larger facilities with much higher emissions levels. In fact, we understand that the limits in the draft Buckingham permit are four to 10 times stricter than the limits in any other permit recently issued for compressor stations in Virginia. These stringent limits apply to regulated emissions ranging from nitrogen oxides to volatile organic compounds to carbon monoxide, and they will help ensure that Virginia's air remains clean and healthy even as we expand our energy infrastructure.

Additionally, we are impressed by the control technology required by the draft permit. Here again, these controls are more typical of those mandated for much larger facilities with higher

levels of emissions. The systems included in the draft permit cover an impressive range from selective catalytic reduction to as vent gas recovery system designed to minimize the release of natural gas into the atmosphere. We are confident that the developers will carry out the permit's strong requirements for air quality protection.

The Department of Environmental Quality has worked hard for many years to ensure that future generations of Virginians will have clean water and air. We applaud you for continuing that work through the terms and conditions in the draft Buckingham air permit. And we again thank you for the opportunity to offer our comments on this important regulatory matter.

Sincerely,



Eric C. Johnson  
Government Relations Manager



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

---

## Proposed Buckingham Compressor Station - VA

1 message

**Keller, Kathryn Elizabeth-Lee - kelle3ke** <kelle3ke@dukes.jmu.edu>

Tue, Sep 11, 2018 at 11:04 AM

To: "airdivision1@deq.virginia.gov" &lt;airdivision1@deq.virginia.gov&gt;

Cc: "michael.dowd@deq.virginia.gov" &lt;michael.dowd@deq.virginia.gov&gt;, "patrick.corbett@deq.virginia.gov" &lt;patrick.corbett@deq.virginia.gov&gt;

Hello - The administrative process for the proposed Buckingham Compressor Station is fragmented; it does not look at the whole relevant picture. *There are unanswered questions about the ACP/Dominion Energy's Union Hill Compressor Station.* For four years, we have tried to get state agencies to answer key questions: there are *106 unanswered questions.*

Some questions I would like answered: How high are the peak hourly emissions for Hazardous Air Pollutants (HAPs) and Volatile

Organic Compounds (VOCs) at Buckingham Compressor Station (BCS)? Minor source is based on annual emissions which are an average but peak emissions can really impact health!

Emissions during blowdowns occur in large concentrated plumes of methane and co-pollutants. How much of the emissions from the compressor station will remain in the Union Hill and Woods Corner neighborhoods, and how much will travel beyond? With schools are within 10 miles of the compressor station, how will our children be protected?

We NEED an extension of the comment period. Additionally, the Department of Environmental Quality should immediately complete a Quantified Risk Assessment (QRA) for the Buckingham Compressor Station prior to permitting and work with other state agencies to conduct a Health Risk Assessment (HRA) and a Health Impact Assessment (HRI).

The DEQ does not understand the urgency and need for information, with a deadline looming. This backs up requests for more time and gets the DEQ to answer some questions.

**Katie Keller**

Publicity and Outreach

434.989.6493

[www.wildvirginia.org](http://www.wildvirginia.org)



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**juliekimmel@gmail.com** <juliekimmel@gmail.com>

Tue, Sep 11, 2018 at 6:34 AM

Reply-To: juliekimmel@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Julie Kimmel  
1535 Twisted Oak Dr  
Reston, VA 20194-1538



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**Deny the Buckingham Compressor Station air permit**

1 message

**Carrie Kline** <kline@folktalk.org>

Tue, Sep 11, 2018 at 2:18 PM

Reply-To: kline@folktalk.org

To: airdivision1@deq.virginia.gov

Director of Publ

State Air Pollution Control Board  
c/o Ann Regn, Director of Public Information and Outreach  
Virginia Department of Environmental Quality  
Phone: 804-698-4442  
Email: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)  
Fax: 804-527-5106

Dear Director Paylor and members of the Air Pollution Control Board,

I respectfully urge you to deny the draft minor source air permit for the Atlantic Coast Pipeline's Buckingham Compressor Station.

This compressor station poses a direct threat to our climate, our air quality, and - most importantly - to the lives of the historic freedman and largely African American Union Hill community. If built, the compressor station would emit methane, nitrogen oxides, volatile organic compounds and particulate matter into the air in close range to community members' homes and would be a stark example of environmental racism at play in the Commonwealth.

We ask that you deny this permit and request that the following concerns be addressed:

- DEQ and the Air Board must ensure that the permit for the Buckingham Compressor Station does not disproportionately impact marginalized communities. However, the vast majority of residents in close proximity to the proposed compressor station site - 85% - are people of color, and a large proportion are elderly or very young. Therefore, a disproportionate impact on an environmental justice community is virtually guaranteed. If the project cannot be modified to avoid this outcome, the air permit should be denied.
- ACP has not shown that the amount of toxic air emissions from the compressor will not cause or contribute to the endangerment of human health. DEQ should conduct a baseline Health Impact Assessment to better understand what ailments already exist in the community that could be exacerbated by these emissions. The elderly, very young, and community members who already have respiratory health issues are particularly at risk.
- DEQ should require ACP to continuously monitor nitrogen oxide emissions to ensure ACP is complying with the nitrogen oxide emissions limits at all operating periods. The currently proposed stack testing is not sufficient to ensure compliance with the draft permit conditions.
- DEQ should conduct further analysis of the greenhouse gas emissions associated with this proposed compressor station. While Virginia is poised to begin regulating carbon dioxide emissions from electric power plants, ignoring the greenhouse gas emissions from the infrastructure used to supply those power plants is self-defeating. With each new pipeline and compressor station built, significant amounts of methane are emitted into the atmosphere, exacerbating climate change impacts. Though methane does not last in the atmosphere nearly as long as carbon dioxide, methane is much more efficient at capturing radiation than carbon dioxide and, pound for pound, the comparative impacts of methane to carbon dioxide are 25 times greater over a 100 year period. Greenhouse gas emissions are mentioned in the draft air permit, but further analysis of impacts and plans to mitigate those emissions are necessary.
- ACP has not adequately addressed emergency response plans. Detailed plans should be drafted and shared with the community. These plans should outline evacuation and actions in response to an explosion or other emergency at the Buckingham compressor station. At this time, there is no certainty that residents could be evacuated promptly, and Buckingham County emergency responders do not have the supplies or resources to respond to a significant industrial emergency.

It is extremely important that the Air Pollution Control Board defend Union Hill, Buckingham County, and all Virginians' air and climate from the harmful impacts associated with this compressor station. I urge you to deny the permit.

Sincerely,

Carrie Kline  
320 Center St.  
Elkins, WV 26241  
304-636-5444

**Deny the Buckingham Compressor Station air permit**

1 message

**Greta Kreider** <leinbach.kreider@gmail.com>

Tue, Sep 11, 2018 at 8:59 AM

Reply-To: leinbach.kreider@gmail.com

To: airdivision1@deq.virginia.gov

Director of Publ

State Air Pollution Control Board  
c/o Ann Regn, Director of Public Information and Outreach  
Virginia Department of Environmental Quality  
Phone: 804-698-4442  
Email: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)  
Fax: 804-527-5106

Dear Director Paylor and members of the Air Pollution Control Board,

I respectfully urge you to deny the draft minor source air permit for the Atlantic Coast Pipeline's Buckingham Compressor Station. PLEASE, carefully note the information below.

This compressor station poses a direct threat to our climate, our air quality, and - most importantly - to the lives of the historic freedman and largely African American Union Hill community. If built, the compressor station would emit methane, nitrogen oxides, volatile organic compounds and particulate matter into the air in close range to community members' homes and would be a stark example of environmental racism at play in the Commonwealth.

We ask that you deny this permit and request that the following concerns be addressed:

- DEQ and the Air Board must ensure that the permit for the Buckingham Compressor Station does not disproportionately impact marginalized communities. However, the vast majority of residents in close proximity to the proposed compressor station site - 85% - are people of color, and a large proportion are elderly or very young. Therefore, a disproportionate impact on an environmental justice community is virtually guaranteed. If the project cannot be modified to avoid this outcome, the air permit should be denied.
- ACP has not shown that the amount of toxic air emissions from the compressor will not cause or contribute to the endangerment of human health. DEQ should conduct a baseline Health Impact Assessment to better understand what ailments already exist in the community that could be exacerbated by these emissions. The elderly, very young, and community members who already have respiratory health issues are particularly at risk.
- DEQ should require ACP to continuously monitor nitrogen oxide emissions to ensure ACP is complying with the nitrogen oxide emissions limits at all operating periods. The currently proposed stack testing is not sufficient to ensure compliance with the draft permit conditions.
- DEQ should conduct further analysis of the greenhouse gas emissions associated with this proposed compressor station. While Virginia is poised to begin regulating carbon dioxide emissions from electric power plants, ignoring the greenhouse gas emissions from the infrastructure used to supply those power plants is self-defeating. With each new pipeline and compressor station built, significant amounts of methane are emitted into the atmosphere, exacerbating climate change impacts. Though methane does not last in the atmosphere nearly as long as carbon dioxide, methane is much more efficient at capturing radiation than carbon dioxide and, pound for pound, the comparative impacts of methane to carbon dioxide are 25 times greater over a 100 year period. Greenhouse gas emissions are mentioned in the draft air permit, but further analysis of impacts and plans to mitigate those emissions are necessary.
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It is extremely important that the Air Pollution Control Board defend Union Hill, Buckingham County, and all Virginians' air and climate from the harmful impacts associated with this compressor station. I urge you to deny the permit.

Sincerely,

Greta Kreider  
1018 College Ave  
Harrisonburg, VA 22802  
5404329107





Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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## Compressor Station in Buckingham County--Comment

1 message

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**Erin McGrath** <e.e.mcgrath@gmail.com>  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 8:13 PM

Permit Name: Minor Source Construction Permit issued under the authority of the Air Pollution Control Board  
Applicant Name and Registration Number: Atlantic Coast Pipeline, LLC; 21599  
Facility Name and Address: ACP - Dominion Energy Buckingham Compressor Station; 5297 S. James River Hwy, Wingina, VA 24599

To the representatives of the Department of Environmental Quality -

I am deeply concerned about the ACP Buckingham Compressor Station as it represents a significant threat to the health and quality of life of the residents of the surrounding area. Although the Station technically qualifies as a "minor source" of pollutants, the DEQ still has a responsibility to fully assess the potential impacts of allowing this massive project to go forward.

There are too many unanswered questions about the potential impact of the Station's air pollutants. For example:

- Estimates have only been provided for annual emissions - but what are the estimates of peak hourly emissions for volatile organic compounds, particulate matter, and other pollutants?
- What are the estimates of emission of pollutants during blowdowns? How often will blowdowns occur, and will residents be given advance notice?
- What is the estimated geographic area of impact of pollutants? How many schools, retirement communities, and other concentrations of vulnerable individuals are located within that area?

DEQ must postpone this permit until a Quantitative Risk Assessment and a Comprehensive Health Impact Assessment can be completed.

Additionally, the public must be given more time to be educated about this important issue and fully participate in the feedback process. DEQ must extend the public comment period on this permit from the original 30 days to a minimum of 60 days.

Thank you for your attention,

Erin McGrath

650 Potomac Ave #315, Alexandria, VA 22301  
571-599-9093

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**Atlantic Coast Pipeline compressor station proposed in Buckingham**

1 message

**Susan McSwain** <losthorseshoe3@gmail.com>

Tue, Sep 11, 2018 at 5:44 PM

To: airdivision1@deq.virginia.gov

Attached and copied below are my comments on the ACP compressor station proposed for Union Hill in Buckingham County.

To: Virginia Air Control Board and DEQ

In my opinion, people who work as public servants in government - whether it be local, state, or national - often perform their duties with a sense of fairness, honesty, and integrity. With this in mind, I don't see how any of you can approve a compressor station to be built in the small community of Union Hill in Buckingham County.

Only 16.5% of the population of Union Hill is classified as white. African Americans make up 62%, with other minorities filling in the rest of the number. The Union Hill community is not composed of wealthy people. With a compressor station in their midst, their houses will become worthless. No one would buy a house there, including those of you reading this letter. I also believe that the directors and major share-holders in Dominion Energy would fight tooth and nail if some type of infrastructure like a compressor station was proposed for *THEIR* neighborhoods. However, a CEO who makes \$15 million/year can afford to fight such a proposal, and if he lost the fight, he could easily afford to move elsewhere. The people of Union Hill are stuck.

A Wikipedia article [https://en.wikipedia.org/wiki/Environmental\\_justice](https://en.wikipedia.org/wiki/Environmental_justice) has this to say about environmental justice: "Environmental discrimination is one issue that environmental justice seeks to address. Racism and discrimination against minorities center on a socially-dominant group's belief in its superiority, often resulting in privilege for the dominant group and the mistreatment of non-dominant minorities. The combined impact of these privileges and prejudices are just one of the potential reasons that waste management and high pollution sites tend to be located in minority-dominated areas. A disproportionate quantity of minority communities play host to landfills, incinerators, and other potentially toxic facilities. Environmental discrimination can also be the placement of a harmful factory in a place of minority. This can be seen as environmental discrimination because it is placing a harmful entity in a place where the people often don't have the means to fight back against big corporations."

The idea behind environmental justice is "the equitable distribution of environmental risks and benefits; fair and meaningful participation in environmental decision-making; recognition of community ways of life, local knowledge, and cultural difference; and the capability of communities and individuals to function and flourish in society."

How will citizens in Union Hill be able to "function and flourish" if the compressor station is built in their community? Please stand with the citizens of Union Hill and deny a permit for the compressor station. This will benefit all of us, you included! The ACP is a flawed project that will lead to higher electricity rates for captive customers, destroy forests and streams, impact the Chesapeake Bay, and exacerbate climate change. We all live on the same planet!

From: Susan McSwain

September 11, 2018

3254 Dutch Creek Lane

Shipman, VA 22971

phone: 434-263-6714

email: [losthorseshoe3@gmail.com](mailto:losthorseshoe3@gmail.com)



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 **Compressor Station.docx**  
13K

To: Virginia Air Control Board and DEQ

In my opinion, people who work as public servants in government - whether it be local, state, or national - often perform their duties with a sense of fairness, honesty, and integrity. With this in mind, I don't see how any of you can approve a compressor station to be built in the small community of Union Hill in Buckingham County.

Only 16.5% of the population of Union Hill is classified as white. African Americans make up 62%, with other minorities filling in the rest of the number. The Union Hill community is not composed of wealthy people. With a compressor station in their midst, their houses will become worthless. No one would buy a house there, including those of you reading this letter. I also believe that the directors and major share-holders in Dominion Energy would fight tooth and nail if some type of infrastructure like a compressor station was proposed for *THEIR* neighborhoods. However, a CEO who makes \$15 million/year can afford to fight such a proposal, and if he lost the fight, he could easily afford to move elsewhere. The people of Union Hill are stuck.

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How will citizens in Union Hill be able to "function and flourish" if the compressor station is built in their community? Please stand with the citizens of Union Hill and deny a permit for the compressor station. This will benefit all of us, you included! The ACP is a flawed project that will lead to higher electricity rates for captive customers, destroy forests and streams, impact the Chesapeake Bay, and exacerbate climate change. We all live on the same planet!

From: Susan McSwain  
September 11, 2018

3254 Dutch Creek Lane  
Shipman, VA 22971  
phone: 434-263-6714  
email: [losthorseshoe3@gmail.com](mailto:losthorseshoe3@gmail.com)



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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## The ACP: Safe for Buckingham County

1 message

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**Paul Meko** <Paul.Meko.107730796@p2a.co>  
Reply-To: paul\_dom@hotmail.com  
To: Ann Regn <airdivision1@deq.virginia.gov>

Tue, Sep 11, 2018 at 10:02 AM

Dear Director Ann Regn,

The Atlantic Coast Pipeline team has shown considerable responsibility in its plans for the Buckingham County Compressor Station. Although state and federal laws and regulations classify the station as a “minor” source of emissions, the ACP team has agreed to limits and control technologies that are typically required for operations with much higher levels of emissions. In fact, the Virginia Department of Environmental Quality draft air quality permit for the facility contains the most stringent emissions limits imposed on any minor or major natural gas compressor stations in the state.

The station and its operations are designed to drastically minimize emissions, making it safe for our community. Modeling has demonstrated that any emissions will be well below federal and state standards designed to protect human health. Even though these standards are not typically applied to “minor” sources of emissions like the compressor station, they will be met—and surpassed—by the Buckingham facility.

Thanks to the exhaustive review, the Atlantic Coast Pipeline is a safe, environmentally responsible pipeline project. And Virginia greatly needs the affordable natural gas it will bring to our region. Please do not stand in the way of the huge economic benefit it could have for our communities.

Regards,  
Paul Meko  
[129 Palace Green Blvd](#)  
[Virginia Beach, VA 23452](#)

**Buckingham Compressor Station Air Permit**

1 message

**sandra moore (skmwem@gmail.com) Sent You a Personal Message** <automail@knowwho.com>  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 10:33 AM

Dear Ann Regn,

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

A compressor station of this scale is unprecedented in Virginia. The proposed compressor station would be the largest in Virginia's history. Despite this, the draft permit does not contain sufficient analysis of impacts on the community and how impacts will be mitigated. The draft permit does not sufficiently explain how the compressor station will impact the community or why the standards and methodologies it relies on to analyze impacts are enough to protect human health.

- In the analysis of the draft permit, the Virginia Department of Environmental Quality states, based on a 2017 evaluation, that the proposed site for the compressor station is "sparsely populated". However, research done by community groups indicates that this is absolutely not true and that there are hundreds of Virginians living close to the site.
- Some residents live as close as half a mile from the proposed compressor station site. Evidence shows people living near compressor stations have suffered from symptoms ranging from rashes to gastrointestinal, respiratory, neurological and psychological problems. The draft permit does not explain how the air quality and health of these especially vulnerable residents will be protected over time from harmful air emissions.
- The draft permit will require mostly self-monitoring by Dominion of air quality and emissions. It does not explain why installing further community monitoring technology is unnecessary to protect air quality and human health.
- A Quantitative Risk Assessment and Comprehensive Health Impact Assessment should be conducted to address the complex and multifaceted ways that the health of residents could be impacted by emissions from the compressor station.
- No mention of how air quality emergencies will impact the community or be mitigated is included in the draft permit.
- While greenhouse gas emissions are briefly mentioned, there is no analysis of how measures established in the draft permit will ensure that air quality and human health will be protected from climate change impacts.

Virginians rely on the expertise of public officials like those on the Air Board to ensure their health and environment is protected. It is imperative that the deficiencies noted above are addressed so that the comprehensive impacts on air quality and the health of Virginians can be adequately considered and addressed before a permit is issued.

For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely,

sandra moore  
6107 red setter ln  
Moseley, VA 23120  
[skmwem@gmail.com](mailto:skmwem@gmail.com)  
(804) 818-2417

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Buckingham Compressor Station**

1 message

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**Becky Murray** <beckymurray44@gmail.com>  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 12:48 PM

Good afternoon,

I am worried about the proposed Buckingham Compressor Station, and all compressor stations along the pipelines' routes. I have a few questions for the Air Control Board:

1. How high are the peak hourly emissions of that pollutant?
2. How far from the station will pollutants extend, and in what directions?
3. I ask that you please extend the public comment period, as residents have had mere weeks to analyze technical information about this massive project.
4. I also request that the DEQ complete a Quantified Risk Assessment (QRA) for the Buckingham Compressor Station prior to permitting and to work with other state agencies to conduct a Health Risk Assessment (HRA) and a Health Impact Assessment (HRI).

Thank you for your time,  
Becky Schneider



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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## Extend Comment Period for the Buckingham Compressor Air Permit

1 message

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**Christina Newton** <curatedchristina@me.com>

Tue, Sep 11, 2018 at 8:57 PM

Reply-To: curatedchristina@me.com

To: airdivision1@deq.virginia.gov

It goes without saying that the Atlantic Coast Pipeline is a win for corporations and a loss for the environment, wildlife, air and water quality, and humankind. The fact that the project has not been completely eliminated is a travesty and shock to every sensible thought. Revoke the work permit immediately and stop the destruction of our beautiful state now.

Christina Newton  
5533 Linwood Ave  
Richmond, VA 23224  
8043041554



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**geoffogden@msn.com** <geoffogden@msn.com>

Tue, Sep 11, 2018 at 7:27 AM

Reply-To: geoffogden@msn.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Geoffrey Ogden  
23347 Potts Mill Road  
Middleburg, VA 20117



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**wildwindsk@earthlink.net** <wildwindsk@earthlink.net>

Tue, Sep 11, 2018 at 1:15 PM

Reply-To: wildwindsk@earthlink.net

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Sallie Park  
1739 Old Brook Rd  
Charlottesville, VA 22901-1266





Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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## Buckingham Compressor Station air quality permit

1 message

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**Molly Petty** <mpetty@marybaldwin.edu>

Tue, Sep 11, 2018 at 11:41 AM

To: "airdivision1@deq.virginia.gov" &lt;airdivision1@deq.virginia.gov&gt;

Cc: "michael.dowd@deq.virginia.gov" &lt;michael.dowd@deq.virginia.gov&gt;, "patrick.corbett@deq.virginia.gov" &lt;patrick.corbett@deq.virginia.gov&gt;

VADEQ Air Division,

Given the gravity of the decisions that DEQ must make concerning air quality permits for the proposed Buckingham Compressor Station—and new scientific studies related to air pollution and health effects—a mere 30 day comment extension period is helpful, but inadequate.

Who is it inadequate for? Public review, education, citizen review, and review of recent EPA rulings and scientific studies. Not all Virginians have the kind of time and money that ACP/Dominion has to review and comment or hire PR firms or an Aaron Ruby. We hear that “A spokesman for the Atlantic Coast Pipeline said Dominion has gone to great lengths to accommodate the concerns of Union Hill residents,” as though “accommodation,” not environmental justice and health and safety, is Dominion’s only obligation here.

How patronizing. I count 106 questions that have not been adequately addressed by DEQ or ACP. Will Mr. Ruby be breathing the air in Buckingham? Do his grandparents, parents, and siblings live in Buckingham? For that matter, do DEQ staff and Dominion CEOs own second homes there?

The Governor’s own Advisory Council disagrees with ACP and DEQ; they advised the state to suspend water and air quality permits for the Atlantic Coast Pipeline and the Mountain Valley Pipeline. Why are Buckingham and other citizens’ wishes—and the Governor’s Advisory Council’s recommendations—not respected? DEQ is not a rubber stamp for Dominion and should be accountable to citizens for deeper DEQ should immediately complete a Quantified Risk Assessment (QRA) for the Buckingham Compressor Station and to work with other state agencies to conduct a Health Risk Assessment (HRA) and a Health Impact Assessment (HRI).

And deeper study and assessment are clearly called for. Look at the recent science on **particulate matter standards**: the National Bureau of Economic Research found that higher levels in the air of tiny particulates with diameters of less than 2.5 micrometers were linked with increased rates of dementia: “The authors find that the harmful effects of the pollutants begin occurring well before exposure levels deemed actionable by the EPA, and they recommend tightening federal restrictions to save lives and dollars.” [https://www.washingtonpost.com/business/2018/09/05/researchers-warn-that-common-air-pollutant-is-driver-dementia-even-levels-below-current-epa-standards/?wpisrc=nl\\_energy202&wpmm=1](https://www.washingtonpost.com/business/2018/09/05/researchers-warn-that-common-air-pollutant-is-driver-dementia-even-levels-below-current-epa-standards/?wpisrc=nl_energy202&wpmm=1)

This new study found that “low air quality associated with levels of fine particulate pollution, even at levels below current EPA standards, is linked with increased risk of Alzheimer’s disease and other forms of dementia later in life.” Low air quality, particulate matter, dementia. This is what DEQ wishes to approve in a hurry without adequate review? I, like other citizens, do not have easy or full access to this study and ask that DEQ publish it on their website. <http://www.nber.org/papers/w24970>

Virginia DEQ and other state agencies need to push back against lowered federal air pollution regulations that apply to the ACP and MVP. For example, EPA's new proposed methane rule would double the amount of time Dominion could wait before repairing a methane leak from 30 to 60 days. Inspections, as well, would be required less frequently. As DEQ knows, the methane released from the proposed pipelines in Virginia will quadruple Virginia's share of methane release—and that is just the expected “normal” operating release, much less any leak or accident.

<https://www.nytimes.com/2018/09/10/climate/methane-emissions-epa.html>

In short, unless DEQ sees fit to insist upon exercising its authority to ensure that Virginia protects its citizens, we are vulnerable to a future of increased air pollution and health problems, not only in Buckingham, an area threatened by environmental racism, but other unique regions of our state that have resisted extractive industry pollution in the past. We can not expect EPA to help us in the immediate future; Virginia needs to be pro-active now. ACP will not pay for future clean-up and medical costs of air pollution. We will.

I am not a scientist. I must depend upon state agencies to speak for me. I am, like so many others who look to the future, concerned about climate change, environmental injustice, and upholding air and water pollution standards that have been vigorously and transparently reviewed. Unfortunately, I, again like so many others, have personally dealt with family members suffering from dementia. It behooves all of us to ensure that we do not allow release of PM and other human carcinogens known to impair lung function, aggravate asthma, cause high blood pressure, lead to heart attack, and exacerbate neurological disorders.

Given that there are technologies available to scrub PM from air emissions, why would DEQ certify an air quality permit when ACP/Dominion Energy will not be scrubbing? Why should Dominion get a pass on using the latest available testing methods? Please do not “accommodate” this risk to air quality. Deny the Buckingham Compressor Station air quality permits. At bare minimum, DEQ must also review and post recent studies on the PM and dementia connection on your website and require the risk assessments and professional health studies necessary to ensure Virginia air quality for future generations.

Sincerely,  
Molsie Petty  
[207 Cove Lane](#)  
[Rockbridge Baths, VA 24473](#)  
540.885.8758



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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## The ACP: Safe for Buckingham County

1 message

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**Ginger Phelps** <Ginger.Phelps.107628736@p2a.co>

Tue, Sep 11, 2018 at 10:49 AM

Reply-To: ginger.y.phelps@dominionenergy.com

To: Ann Regn &lt;airdivision1@deq.virginia.gov&gt;

Dear Director Ann Regn,

The Atlantic Coast Pipeline team has shown considerable responsibility in its plans for the Buckingham County Compressor Station. Although state and federal laws and regulations classify the station as a “minor” source of emissions, the ACP team has agreed to limits and control technologies that are typically required for operations with much higher levels of emissions. In fact, the Virginia Department of Environmental Quality draft air quality permit for the facility contains the most stringent emissions limits imposed on any minor or major natural gas compressor stations in the state.

The station and its operations are designed to drastically minimize emissions, making it safe for our community. Modeling has demonstrated that any emissions will be well below federal and state standards designed to protect human health. Even though these standards are not typically applied to “minor” sources of emissions like the compressor station, they will be met—and surpassed—by the Buckingham facility.

Thanks to the exhaustive review, the Atlantic Coast Pipeline is a safe, environmentally responsible pipeline project. And Virginia greatly needs the affordable natural gas it will bring to our region. Please do not stand in the way of the huge economic benefit it could have for our communities.

Regards,  
Ginger Phelps  
3605 Brickland Rd  
South Hill, VA 23970



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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## Extend Comment Period for the Buckingham Compressor Air Permit

1 message

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**Natalie Pien** <natcpien1@gmail.com>

Tue, Sep 11, 2018 at 10:25 AM

Reply-To: natcpien1@gmail.com

To: airdivision1@deq.virginia.gov

The concept of “tzedek” comes from the Jewish faith tradition, calling for justice and equity among all people. The vision of tzedek is one of environmental justice and clean and safe air for all to breathe. The proposed Atlantic Coast Pipeline (ACP) compressor station violates this concept as it would expose residents in Union Hill and Buckingham County to leaking pollutants such as methane gas, formaldehyde, benzene, arsenic, uranium and additional toxic volatile organic compounds (VOCs).

This 54,000+ horsepower compressor station is one of the largest that Dominion has ever built and the largest in Virginia, further endangering health of residents and increasing risk and vulnerability. Having clean air is a fundamental human right and is especially vital for children and the elderly, some of the most vulnerable to the negative impacts of inhaling pollutants.

Many of the world’s major faith traditions have a mandate to care for the Earth. By doing so, we care for each other. I submit this comment with love to express my solidarity with the community of Buckingham and their health and safety concerns stemming from the construction and operation of this massive compressor station.

I urge the VA State Air Pollution Control Board and the Department of Environmental Quality (DEQ) to extend the 30-day comment period to at least 60 days, to ensure meaningful participation by impacted populations in permitting and monitoring, and to immediately complete a thorough Quantitative Risk Assessment (QRA) and a Comprehensive Health Impact Assessment (CHIA) prior to any future permitting.

I further urge the VA State Air Pollution Control Board and the DEQ to abide by the principles of environmental justice as the compressor station is proposed to be sited in Buckingham County’s historic Union Hill, an 85% African American community. It is unacceptable that our society continues to disproportionately burden the poor and people of color with increased levels of dangerous air pollution.

Being unable to take a deep breath of clean air to pray or meditate at the many nearby religious sites such as Union Hill and Union Grove Churches and the LOTUS Temple, one of the many sacred places in Satchidananda Ashram Yogaville, is an egregious violation of humanity.

The risks to our sacred gift of air posed by Dominion’s proposed ACP compressor station are simply too high.

Natalie Pien  
20644 Gleedsville Rd  
Loudoun, VA 20175  
703 963 3573



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**Deny the Buckingham Compressor Station air permit**

1 message

**Nicholas Polys** <nicholas.polys@gmail.com>

Tue, Sep 11, 2018 at 3:35 PM

Reply-To: nicholas.polys@gmail.com

To: airdivision1@deq.virginia.gov

Director of Publ

State Air Pollution Control Board  
c/o Ann Regn, Director of Public Information and Outreach  
Virginia Department of Environmental Quality  
Phone: 804-698-4442  
Email: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)  
Fax: 804-527-5106

Dear Director Paylor and members of the Air Pollution Control Board,

I respectfully urge you to deny the draft minor source air permit for the Atlantic Coast Pipeline's Buckingham Compressor Station.

This compressor station poses a direct threat to our climate, our air quality, and - most importantly - to the lives of the historic freedman and largely African American Union Hill community. If built, the compressor station would emit methane, nitrogen oxides, volatile organic compounds and particulate matter into the air in close range to community members' homes and would be a stark example of environmental racism at play in the Commonwealth.

We ask that you deny this permit and request that the following concerns be addressed:

- DEQ and the Air Board must ensure that the permit for the Buckingham Compressor Station does not disproportionately impact marginalized communities. However, the vast majority of residents in close proximity to the proposed compressor station site - 85% - are people of color, and a large proportion are elderly or very young. Therefore, a disproportionate impact on an environmental justice community is virtually guaranteed. If the project cannot be modified to avoid this outcome, the air permit should be denied.
- ACP has not shown that the amount of toxic air emissions from the compressor will not cause or contribute to the endangerment of human health. DEQ should conduct a baseline Health Impact Assessment to better understand what ailments already exist in the community that could be exacerbated by these emissions. The elderly, very young, and community members who already have respiratory health issues are particularly at risk.
- DEQ should require ACP to continuously monitor nitrogen oxide emissions to ensure ACP is complying with the nitrogen oxide emissions limits at all operating periods. The currently proposed stack testing is not sufficient to ensure compliance with the draft permit conditions.
- DEQ should conduct further analysis of the greenhouse gas emissions associated with this proposed compressor station. While Virginia is poised to begin regulating carbon dioxide emissions from electric power plants, ignoring the greenhouse gas emissions from the infrastructure used to supply those power plants is self-defeating. With each new pipeline and compressor station built, significant amounts of methane are emitted into the atmosphere, exacerbating climate change impacts. Though methane does not last in the atmosphere nearly as long as carbon dioxide, methane is much more efficient at capturing radiation than carbon dioxide and, pound for pound, the comparative impacts of methane to carbon dioxide are 25 times greater over a 100 year period. Greenhouse gas emissions are mentioned in the draft air permit, but further analysis of impacts and plans to mitigate those emissions are necessary.
- ACP has not adequately addressed emergency response plans. Detailed plans should be drafted and shared with the community. These plans should outline evacuation and actions in response to an explosion or other emergency at the Buckingham compressor station. At this time, there is no certainty that residents could be evacuated promptly, and Buckingham County emergency responders do not have the supplies or resources to respond to a significant industrial emergency.

It is extremely important that the Air Pollution Control Board defend Union Hill, Buckingham County, and all Virginians' air and climate from the harmful impacts associated with this compressor station. I urge you to deny the permit.

Sincerely,

Nicholas Polys  
200 Hemlock se  
Bburg, VA 24060  
5402305063

**Deny the Buckingham Compressor Station air permit**

1 message

**Kathleen Ragan** <kathleen.ragan@gmail.com>

Tue, Sep 11, 2018 at 9:32 PM

Reply-To: kathleen.ragan@gmail.com

To: airdivision1@deq.virginia.gov

Director of Publ

State Air Pollution Control Board  
c/o Ann Regn, Director of Public Information and Outreach  
Virginia Department of Environmental Quality  
Phone: 804-698-4442  
Email: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)  
Fax: 804-527-5106

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I respectfully urge you to deny the draft minor source air permit for the Atlantic Coast Pipeline's Buckingham Compressor Station.

This compressor station poses a direct threat to our climate, our air quality, and - most importantly - to the lives of the historic freedman and largely African American Union Hill community. If built, the compressor station would emit methane, nitrogen oxides, volatile organic compounds and particulate matter into the air in close range to community members' homes and would be a stark example of environmental racism at play in the Commonwealth.

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- ACP has not shown that the amount of toxic air emissions from the compressor will not cause or contribute to the endangerment of human health. DEQ should conduct a baseline Health Impact Assessment to better understand what ailments already exist in the community that could be exacerbated by these emissions. The elderly, very young, and community members who already have respiratory health issues are particularly at risk.
- DEQ should require ACP to continuously monitor nitrogen oxide emissions to ensure ACP is complying with the nitrogen oxide emissions limits at all operating periods. The currently proposed stack testing is not sufficient to ensure compliance with the draft permit conditions.
- DEQ should conduct further analysis of the greenhouse gas emissions associated with this proposed compressor station. While Virginia is poised to begin regulating carbon dioxide emissions from electric power plants, ignoring the greenhouse gas emissions from the infrastructure used to supply those power plants is self-defeating. With each new pipeline and compressor station built, significant amounts of methane are emitted into the atmosphere, exacerbating climate change impacts. Though methane does not last in the atmosphere nearly as long as carbon dioxide, methane is much more efficient at capturing radiation than carbon dioxide and, pound for pound, the comparative impacts of methane to carbon dioxide are 25 times greater over a 100 year period. Greenhouse gas emissions are mentioned in the draft air permit, but further analysis of impacts and plans to mitigate those emissions are necessary.
- ACP has not adequately addressed emergency response plans. Detailed plans should be drafted and shared with the community. These plans should outline evacuation and actions in response to an explosion or other emergency at the Buckingham compressor station. At this time, there is no certainty that residents could be evacuated promptly, and Buckingham County emergency responders do not have the supplies or resources to respond to a significant industrial emergency.

It is extremely important that the Air Pollution Control Board defend Union Hill, Buckingham County, and all Virginians' air and climate from the harmful impacts associated with this compressor station. I urge you to deny the permit.

Sincerely,

Kathleen Ragan  
611 Fort Williams Pkwy  
Alexandria, VA 22304  
7037158861



Air Division 1, rr <airdivision1@deq.virginia.gov>

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## Union Hill compressor station.

1 message

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**Toni Ranieri** <toniranierishannon@gmail.com>  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 1:09 AM

This is a request from a Nelson County resident that you extend the comment period for my Buckingham County neighbors to be able to learn and question and guide you if you are to build a compressor station that will so greatly impact their health and their lives. Certainly a QRA and a CHIA are in order here.



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**darcrowskellstar@hotmail.com** <darcrowskellstar@hotmail.com>

Tue, Sep 11, 2018 at 4:54 AM

Reply-To: darcrowskellstar@hotmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Bruce Rauscher  
5118 Chowan Ave  
Alexandria, VA 22312-2005





Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**Fellowship57@gmail.com** <Fellowship57@gmail.com>

Tue, Sep 11, 2018 at 11:30 AM

Reply-To: Fellowship57@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Daphne Raz  
4095 turnpike road  
Lexington, VA 24450-6625



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**Deny the Buckingham Compressor Station air permit**

1 message

**John Schickler** <Jgschickler@gmail.com>

Tue, Sep 11, 2018 at 7:53 AM

Reply-To: Jgschickler@gmail.com

To: airdivision1@deq.virginia.gov

Director of Publ

State Air Pollution Control Board  
c/o Ann Regn, Director of Public Information and Outreach  
Virginia Department of Environmental Quality  
Phone: 804-698-4442  
Email: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)  
Fax: 804-527-5106

Dear Director Paylor and members of the Air Pollution Control Board,

I respectfully urge you to deny the draft minor source air permit for the Atlantic Coast Pipeline's Buckingham Compressor Station.

This compressor station poses a direct threat to our climate, our air quality, and - most importantly - to the lives of the historic freedman and largely African American Union Hill community. If built, the compressor station would emit methane, nitrogen oxides, volatile organic compounds and particulate matter into the air in close range to community members' homes and would be a stark example of environmental racism at play in the Commonwealth.

We ask that you deny this permit and request that the following concerns be addressed:

- DEQ and the Air Board must ensure that the permit for the Buckingham Compressor Station does not disproportionately impact marginalized communities. However, the vast majority of residents in close proximity to the proposed compressor station site - 85% - are people of color, and a large proportion are elderly or very young. Therefore, a disproportionate impact on an environmental justice community is virtually guaranteed. If the project cannot be modified to avoid this outcome, the air permit should be denied.
- ACP has not shown that the amount of toxic air emissions from the compressor will not cause or contribute to the endangerment of human health. DEQ should conduct a baseline Health Impact Assessment to better understand what ailments already exist in the community that could be exacerbated by these emissions. The elderly, very young, and community members who already have respiratory health issues are particularly at risk.
- DEQ should require ACP to continuously monitor nitrogen oxide emissions to ensure ACP is complying with the nitrogen oxide emissions limits at all operating periods. The currently proposed stack testing is not sufficient to ensure compliance with the draft permit conditions.
- DEQ should conduct further analysis of the greenhouse gas emissions associated with this proposed compressor station. While Virginia is poised to begin regulating carbon dioxide emissions from electric power plants, ignoring the greenhouse gas emissions from the infrastructure used to supply those power plants is self-defeating. With each new pipeline and compressor station built, significant amounts of methane are emitted into the atmosphere, exacerbating climate change impacts. Though methane does not last in the atmosphere nearly as long as carbon dioxide, methane is much more efficient at capturing radiation than carbon dioxide and, pound for pound, the comparative impacts of methane to carbon dioxide are 25 times greater over a 100 year period. Greenhouse gas emissions are mentioned in the draft air permit, but further analysis of impacts and plans to mitigate those emissions are necessary.
- ACP has not adequately addressed emergency response plans. Detailed plans should be drafted and shared with the community. These plans should outline evacuation and actions in response to an explosion or other emergency at the Buckingham compressor station. At this time, there is no certainty that residents could be evacuated promptly, and Buckingham County emergency responders do not have the supplies or resources to respond to a significant industrial emergency.

It is extremely important that the Air Pollution Control Board defend Union Hill, Buckingham County, and all Virginians' air and climate from the harmful impacts associated with this compressor station. I urge you to deny the permit.

Sincerely,

John Schickler  
3125 Nahant rd  
Midlothian, VA 23112  
8047442587



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**stop the pipeline through Union Hill**1 message

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**jenny seitz** <jcharlen1981@yahoo.com>

Tue, Sep 11, 2018 at 10:30 AM

Reply-To: jenny seitz &lt;jcharlen1981@outlook.com&gt;

To: "airdivision1@deq.virginia.gov" &lt;airdivision1@deq.virginia.gov&gt;

1. Please complete a Quantified Risk Assessment (QRA) for the Buckingham Compressor Station prior to any permits being issued. Also, have other state agencies complete a Health Risk Assessment.
2. Please extend the public comment period, so that residents have more time to analyze the technical information about this project.
3. How far from the station will the pollutants extend?
4. Why is it considered appropriate to use OSHA work standards to apply to people exposed in their homes? Since most people spend more than 8 hours in their homes each day, how can this be an appropriate standard to use?

Jenny Seitz



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**ACP's Union Hill Compressor Station**1 message

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**dsshapy** <dsshay@gmail.com>

Tue, Sep 11, 2018 at 5:33 PM

To: airdivision1@deq.virginia.gov

Cc: michael.dowd@deq.virginia.gov, patrick.corbett@deq.virginia.gov

Hi,

My name is Derek Sharp and I'm resident of Virginia. And after learning about the Dominion pipeline last Saturday, I wanted to make a comment about it

First, I would extension of the comment period.

Second, The Department of Environmental Quality should complete a Quantified Risk Assessment(QRA) immediately for the Buckingham Compressor Station prior to permitting and they should work with other state agencies to conduct a Health Risk Assessment (HRA) and a Health Impact Assessment (HRI).

And, I have a couple of questions.

The DEQ air modeling for the BCS is based on many assumptions about temperature, altitude, and other factors that are not accurate for Buckingham. Why was field data not collected? How can you assure the test results and thus the pollution estimates are accurate?

How do you adjust for seasonal variability when assessing impacts of toxic pollutants on human health?

For example, how do you take into account the higher exposure level of emissions that occur during the colder months when they stay closer to the ground?

Derek



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**permit in Buckingham**

1 message

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**Monica Shaw** <monicakshaw123@gmail.com>  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 8:05 AM

Dear Sir or Madam, As a concerned citizen, I ask you to deny the permit due to environmental justice concerns in Union. Please protect the health and safety of people who live there. Thank you, Monica Shaw, [10502 Sancrest Rd., Henrico VA 23238](#), 804-909-2837.

Air Division 1, rr <[airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)>

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## Deny the Buckingham Compressor Station air permit

1 message

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**Karen Spurr** <[klspurr1a@gmail.com](mailto:klspurr1a@gmail.com)>

Tue, Sep 11, 2018 at 4:02 PM

Reply-To: [klspurr1a@gmail.com](mailto:klspurr1a@gmail.com)

To: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)

Director of Publ

State Air Pollution Control Board  
c/o Ann Regn, Director of Public Information and Outreach  
Virginia Department of Environmental Quality  
Phone: 804-698-4442  
Email: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)  
Fax: 804-527-5106

Dear Director Paylor and members of the Air Pollution Control Board,

I respectfully urge you to deny the draft minor source air permit for the Atlantic Coast Pipeline's Buckingham Compressor Station.

This compressor station poses a direct threat to our climate, our air quality, and - most importantly - to the lives of the historic freedman and largely African American Union Hill community. If built, the compressor station would emit methane, nitrogen oxides, volatile organic compounds and particulate matter into the air in close range to community members' homes and would be a stark example of environmental racism at play in the Commonwealth.

We ask that you deny this permit and request that the following concerns be addressed:

- DEQ and the Air Board must ensure that the permit for the Buckingham Compressor Station does not disproportionately impact marginalized communities. However, the vast majority of residents in close proximity to the proposed compressor station site - 85% - are people of color, and a large proportion are elderly or very young. Therefore, a disproportionate impact on an environmental justice community is virtually guaranteed. If the project cannot be modified to avoid this outcome, the air permit should be denied.
- ACP has not shown that the amount of toxic air emissions from the compressor will not cause or contribute to the endangerment of human health. DEQ should conduct a baseline Health Impact Assessment to better understand what ailments already exist in the community that could be exacerbated by these emissions. The elderly, very young, and community members who already have respiratory health issues are particularly at risk.
- DEQ should require ACP to continuously monitor nitrogen oxide emissions to ensure ACP is complying with the nitrogen oxide emissions limits at all operating periods. The currently proposed stack testing is not sufficient to ensure compliance with the draft permit conditions.
- DEQ should conduct further analysis of the greenhouse gas emissions associated with this proposed compressor station. While Virginia is poised to begin regulating carbon dioxide emissions from electric power plants, ignoring the greenhouse gas emissions from the infrastructure used to supply those power plants is self-defeating. With each new pipeline and compressor station built, significant amounts of methane are emitted into the atmosphere, exacerbating climate change impacts. Though methane does not last in the atmosphere nearly as long as carbon dioxide, methane is much more efficient at capturing radiation than carbon dioxide and, pound for pound, the comparative impacts of methane to carbon dioxide are 25 times greater over a 100 year period. Greenhouse gas emissions are mentioned in the draft air permit, but further analysis of impacts and plans to mitigate those emissions are necessary.
- ACP has not adequately addressed emergency response plans. Detailed plans should be drafted and shared with the community. These plans should outline evacuation and actions in response to an explosion or other emergency at the Buckingham compressor station. At this time, there is no certainty that residents could be evacuated promptly, and Buckingham County emergency responders do not have the supplies or resources to respond to a significant industrial emergency.

9/25/2018

Commonwealth of Virginia Mail - Deny the Buckingham Compressor Station air permit

It is extremely important that the Air Pollution Control Board defend Union Hill, Buckingham County, and all Virginians' air and climate from the harmful impacts associated with this compressor station. I urge you to deny the permit.

Sincerely,

Karen Spurr  
1444 Ski Lodge Road  
Virginia Beach, VA 23453  
5403595510



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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## Extend Comment Period for the Buckingham Compressor Air Permit

1 message

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**Jeff Staples** <jeff4va@gmail.com>

Tue, Sep 11, 2018 at 7:59 PM

Reply-To: jeff4va@gmail.com

To: airdivision1@deq.virginia.gov

The concept of "tzedek" comes from the Jewish faith tradition, calling for justice and equity among all people. The vision of tzedek is one of environmental justice and clean and safe air for all to breathe. The proposed Atlantic Coast Pipeline (ACP) compressor station violates this concept as it would expose residents in Union Hill and Buckingham County to leaking pollutants such as methane gas, formaldehyde, benzene, arsenic, uranium and additional toxic volatile organic compounds (VOCs).

This 54,000+ horsepower compressor station is one of the largest that Dominion has ever built and the largest in Virginia, further endangering health of residents and increasing risk and vulnerability. Having clean air is a fundamental human right and is especially vital for children and the elderly, some of the most vulnerable to the negative impacts of inhaling pollutants.

Many of the world's major faith traditions have a mandate to care for the Earth. By doing so, we care for each other. I submit this comment with love to express my solidarity with the community of Buckingham and their health and safety concerns stemming from the construction and operation of this massive compressor station.

I urge the VA State Air Pollution Control Board and the Department of Environmental Quality (DEQ) to extend the 30-day comment period to at least 60 days, to ensure meaningful participation by impacted populations in permitting and monitoring, and to immediately complete a thorough Quantitative Risk Assessment (QRA) and a Comprehensive Health Impact Assessment (CHIA) prior to any future permitting.

I further urge the VA State Air Pollution Control Board and the DEQ to abide by the principles of environmental justice as the compressor station is proposed to be sited in Buckingham County's historic Union Hill, an 85% African American community. It is unacceptable that our society continues to disproportionately burden the poor and people of color with increased levels of dangerous air pollution.

Being unable to take a deep breath of clean air to pray or meditate at the many nearby religious sites such as Union Hill and Union Grove Churches and the LOTUS Temple, one of the many sacred places in Satchidananda Ashram Yogaville, is an egregious violation of humanity.

The risks to our sacred gift of air posed by Dominion's proposed ACP compressor station are simply too high.

Mr. Jeff Staples  
1453 Boxwood Dr  
Chesapeake, VA 23323  
757-647-0410





Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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## Atlantic Coast Pipeline Comment Submission

1 message

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**Alia Stewart-Silver** <a.stewart.silver@gmail.com>

Tue, Sep 11, 2018 at 8:50 PM

To: airdivision1@deq.virginia.gov

Cc: michael.dowd@deq.virginia.gov, patrick.corbett@deq.virginia.gov

To Whom it May Concern,

I am writing to express my concerns and questions related to the proposed Compressor Station in the Union Hill community of Buckingham County. In this comment, I will be addressing four main points, including the need for an extension of the comment period, a request for additional health and risk assessments to be completed, the disproportionate impact this construction has on an already historically marginalized community, and the potential economic toll of this proposed construction.

To begin with, I am requesting an extension of the comment period for an additional 30 days, for a total comment period of 60 days. This extension is imperative to allow for adequate participation by community members who are directly impacted by this proposed construction. Many community members have not had adequate time to read and digest the large and technically-dense reports that underlie this proposal. In addition, there has not been adequate technical support offered by state agencies to support community members to synthesize this information that directly affects the health and well-being of themselves and their community. Because the language of the air permitting and air modelling reports are difficult to understand without technical support, experts who can work with residents and community groups to interpret these reports are essential and have only recently been identified and utilized. On the other hand, Dominion Energy has had many months to work with technical experts and to consult with the DEQ Air Division, due to their first failed application in 2017. In addition, the fact that access to the majority of these reports is found online is another barrier for many directly impacted members of the Union Hill community, who may not have easy or consistent access to the internet. Relying on the internet for access to relevant reports and information causes a disproportionate barrier in access to more rural and low-income communities. Because of these multiple reasons, an extension of the comment period is warranted in order to assure that community members are able to be adequately informed and prepared to address the concerns that the construction of this compressor station poses for their individual and communal livelihood, longevity, and well-being. Thirty days is not enough time for the public to access and digest all the important information necessary and to formulate questions or comments about how this compressor station may impact their lives and the needs of their community. Federal environmental law, from as high up as the National Environmental Policy Act (NEPA) on down, requires genuine public involvement decision-making practices.

Secondly, I request that the Department of Environmental Quality immediately complete a Quantified Risk Assessment (QRA) for the Buckingham Compressor Station prior to permitting, as well as work with other state agencies to conduct a Health Risk Assessment (HRA) and a Health Impact Assessment (HIA) to address the complex and significant health concerns raised by Buckingham residents about the impacts of the proposed Compressor Station.

Thirdly, I want to highlight the intersectionality of race, class, health, and environmental injustice that is occurring here. To begin with, it has been known since 2016 that Dominion Energy under-counted the population in Union Hill by 600% in order to make a falsified claim of site suitability in this community. Many of these under-reported community members are children, elderly, and folks impacted by various health conditions, particularly respiratory problems that would be worsened by toxic emissions in the air. It should also be highlighted that of these community members, 83% of this population are African-American and/or Native American, which has also been under-reported by Dominion's estimates. This begs the question, why is it that three of the proposed compressor stations along the ACP are in predominately African-American neighborhoods, and that all three are proposed for areas with disproportionately high levels of poverty? In addition, now that it is public knowledge that there are hundreds of people whose ancestors were enslaved on the very land site (Variety Shade Plantation) that Dominion has now bought and is proposing as the site of this compressor station, what steps will be done to rectify the intergenerational violence and dehumanization practices that have already been waged in this area against African-Americans at the hands of monied elites for generations gone by? It is also public knowledge that there are many Freedman historical sites, as well as Native American historical sites and artifacts, that exist on the land of the proposed building site, which require state recognition and protection. With this in mind, I must ask what steps will be taken to protect these important cultural historical landmarks? More specifically, how will the exact number, location and historical period of each of the dozens of burial grounds and cemeteries (including unmarked slave burial sites) in the 1.2 mile radius of the compressor station be recognized, recorded, and protected? Why have state agencies not required this land to have a cultural resource report filed prior to the permitting of this proposed construction? The intersection of racial discrimination and environmental injustice that is occurring in this case is blatant

and must be acknowledged and addressed for what it is so that we can all heal from past injustices and create a more just and equitable local and global community.

In addition to the health and cultural impacts of this proposed compressor station, how are the economic impacts of this construction project being predicted and accounted for? How is the state ensuring that the Union Hill community is not economically damaged by this construction and that it will be an economically sustainable community in the future? It is likely that this construction will negatively impact the health and well-being of the community, which will then likely impact the property values of homes in the areas and erode the local economy. It should be noted that when renewable and alternative energy is sited on property, landowners get monthly lease payments. In contrast, properties crossed by pipeline construction such as ACP will receive a one-time easement payment. How much income could landowners receive if this land was used for solar infrastructure instead, and what will be done to compensate landowners for this discrepancy in revenue that is being imposed on them against their will and best interests?

Thank you for taking the time to read and consider my comments. I urge you to consider the vast health, cultural, and economic tolls that this proposed compressor station would have on the already historically marginalized community of Union Hill. It is the responsibility of your department to listen to the voices of concerned citizens when making your decisions about proposed construction projects. Please take my comments, and all other community members' voices, into account when making your decision. May we have a world that has clean air, water, and soil for all of our shared descendants to come.

Sincerely,  
Alia Yarrow Stewart-Silver

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Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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## Major concerns around the ACP's compressor station

1 message

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**Maya stewart-silver** <mayajoyss@gmail.com>

Tue, Sep 11, 2018 at 11:57 PM

To: "airdivision1@deq.virginia.gov" <airdivision1@deq.virginia.gov>

To whom it may concern,

I grew up in Afton Virginia and have now moved to Crozet Virginia. I am writing to express much concern about the ACP's Union Hill Compressor Station. I have three main concerns to voice in this comment.

Firstly, I strongly feel that we deserve the right for an additional 30 day extension for public comment. This initial 30 day period for public comment has not been enough time for the Union Hill residents and the greater public to become adequately informed on the vast and very complicated documents and information that was only very recently released. And therefore the public has not been given fair opportunity to even come up with all their valid questions and expression of reasonable and justifiable concern.

Secondly, I am also asking for the Department of Environmental Quality to complete a Quantified Risk Assessment (QRA) for the Buckingham Compressor Station immediately and to work with other state agencies to complete a Health Impact Assessment (HIA) and a Health Risk Assessment (HRA). It feels very basic to me that before putting anything into action there needs to be thorough steps taken to make sure that any health risks are assessed and that the local citizens of the area are not becoming victimized by unjust environmental impacts from Dominion's action.

And finally, I have a deep concern about the impact on this primarily African-American, low-income population that makes up the Union Hill community. This tendency of Dominion to have this type of environmental impact in historically marginalized communities that often results in disproportionate health risk is a trend that needs to be seriously questioned and examined.

In summary, I am asking for an additional 30 days for a total of a 60 day public hearing period. Also, I am asking you to look very seriously into the health risks of the local citizens before allowing any actions from Dominion. And finally, I am pushing for deep questioning of the environmental and racial injustice occurring.

Thank you in advance for reading this and for your consideration,

Maya Stewart-Silver



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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## Public Comment on ACP Compressor Station approval at Union Hill

1 message

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**Ali Symons** <gaew.symons@gmail.com>  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 1:25 PM

Dear Air Control Board Members,

I'm writing as a Virginia resident in regards to the permitting of the the natural gas compressor station on the ACP pipeline in Union Hill, Buckingham Co.

I have 3 requests:

1. Please extend the public comment period, as residents have had mere weeks to analyze a landslide of technical information about this massive project.
2. The VA Department of Environmental Quality need to complete a Quantified Risk Assessment (QRA) for the Buckingham Compressor Station prior to permitting and to work with other state agencies to conduct a Health Risk Assessment (HRA) and a Health Impact Assessment (HRI).
3. In terms of the methodology for impact assessment, why is it considered appropriate to use Occupational Safety and Health Administration (OSHA) work standards to apply to people exposed in homes? Since most people spend more than 8 hours in their homes each day, how can this be considered a relevant metric to assess home exposure?

The parameters and criteria for how you conduct impact assessments of projects also influence the outcome. Please ensure that the methodology of the assessment is sound and impartial. The residents of Union Hill deserves just and fair treatment.

Thank you!

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**Alison Symons**  
**Falls Church, VA**



Air Division 1, rr <airdivision1@deq.virginia.gov>

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## Buckingham Compressor Station

1 message

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**Sally Tucker** <sally.tucker59@icloud.com>  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 10:29 AM

Please require QRA. Do not expose residents to excessive sound and pollution. No compressor station. No pipeline. Global warming is upon us.

Sent from my iPhone



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Dominion Energy Buckingham Compressor Station**

1 message

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**Darren Utley** <darren@fairfieldpcusa.org>  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 10:07 AM

This email is regarding:

PERMIT NAME:

- Minor Source Construction Permit issued under the authority of the Air Pollution Control Board

APPLICANT NAME AND REGISTRATION NUMBER:

- Atlantic Coast Pipeline, LLC; 21599

FACILITY NAME AND ADDRESS:

- ACP – Dominion Energy Buckingham Compressor Station; 5297 S. James River Hwy, Wingina, VA 24599

I am strongly opposed to the construction of the compressor station in Buckingham County. The voices of the people of the Union Hill community must be heard and their opposition to this station should be a major concern to any government authority meant to serve the people of this state. There must be more stringent standards placed on this construction project that will ensure that the air quality in Buckingham County is not adversely impacted and to avoid committing an act of blatant racial injustice by placing this station in the backyard of a historic community of freed people.

Rev. Darren Utley  
Fairfield Presbyterian Church  
[6930 Cold Harbor Rd.](#)  
[Mechanicsville, VA 23111](#)



Air Division 1, rr <[airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)>

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## Fwd: Buckingham county compressor air permit comments

1 message

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**fhwebb@aol.com** <[fhwebb@aol.com](mailto:fhwebb@aol.com)>  
To: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)

Tue, Sep 11, 2018 at 3:33 PM

Sent from AOL Mobile Mail  
Get the new AOL app: [mail.mobile.aol.com](http://mail.mobile.aol.com)

On Tuesday, September 11, 2018, fhwebb <[fhwebb@aol.com](mailto:fhwebb@aol.com)> wrote:

**C. Flint Webb, PE**



**Buckingham Permit Comments letter.docx**  
341K

**Comments on the Atlantic Coast Pipeline Buckingham Compressor Station  
Air Construction Permit #21599**

I implore DEQ to deny the Atlantic Coast Pipeline Buckingham Compressor Station Construction Permit #21599 because the National Environmental Policy Act (NEPA) process was flawed:

1. The Federal Energy Regulatory Commission (FERC) allowed the proponent to self-certify the need for additional natural gas capacity siting new natural gas power plant projects that have subsequently been canceled, and
2. FERC did not adequately evaluate the environmental justice impacts of the proposed project.

Specific comments on the draft permit follow:

1. Pigging Events:
  - a. Only the use of pigging to remove liquids from the gas line was identified as the purpose of pigging in the introduction to the draft permit. Isn't there also a requirement for the pipeline operator to use pigs to check for corrosion in the pipeline as well? How often will the pipeline be checked for corrosion? Will these pigging events be in addition to the pigging for the removal of liquids?
  - b. There appears to be a disconnect between what application and the modeling. In the June 29, Dominion responses to questions question 10 the applicant states "When pigging operations are conducted, the procedure to inspect the line typically involves four (4) pigging devices and is conducted over a four days [sic] period", however in the last ¶ of section 2.2.4 of the air dispersion modeling report it states "As a planned event, the pigging operations will only be conducted during daylight hours". Which is correct the modeling or the application? Will pigging events take four days or will they only occur during daylight hours as modeled? I recognize that there will be less dispersion of pollutants from sources like this at night than during the day so it is important that the pigging event modeling is done properly.
2. There are several above-ground storage tanks for petroleum and hazardous materials. Has the applicant prepared a Spill Prevention, Contingency and Countermeasure Plan for the facility? Have regulators reviewed the plans to make sure they have properly considered rainfall and other reasonably foreseeable hazards when designing the containment? I think it is important that containment be designed to be able to contain at least a 25-year, 24-hour storm as long as the containment is checked every 24-hours. If the facility is operated remotely the containment should be sufficient to ensure that a spill into the containment be able to contain the contents of the tank with adequate free-board to capture rainwater that could occur over the period between visits to the site, if that is once a month then the containment should be adequate to contain the contents plus a 25-year, 30-day storm.
3. Ammonia: In the draft permit you mention that ammonia is not a regulated air pollutant. I understand that in some instances ammonia is considered a PM<sub>2.5</sub> precursor and as such could be considered a criteria pollutant precursor like NO<sub>x</sub> and therefore would be a regulated air pollutant:
  - a. Does the Virginia DEQ not recognize ammonia as a PM<sub>2.5</sub> precursor?



- b. In any event ammonia would be covered under the Clean Air Act Risk Management Plan (RMP) program. Has the applicant performed a hazard assessment and offsite consequences analysis required under the RMP program?
  - c. Has there been coordination with the local emergency response agencies and are the local emergency response agencies equipped and trained to respond to an ammonia spill?
  - d. Has ACP mitigated the risk of an accidental release of ammonia due to reasonably foreseeable events such as forest fire or vehicle accident?
  - e. I understand that ACP does not plan on having any operators on site. Is that correct? If so who would be the first responder to a spill of the ammonia system and how long would it take for a Company representative to be on site? If the site is not manned 24-7 then the local fire department would most likely be the first responders. Has the applicant provided necessary training and access keys to be able to shut off the ammonia injection system if necessary in an emergency?
4. In the discussion about PSD the draft permit states that Buckingham County “is in compliance with [all] National Ambient Air Quality Standards (NAAQS)”. However, is it not true that:
- a. Buckingham County is upwind of nonattainment and/or maintenance areas for many pollutants and therefore could be contributing to the bad air quality in a nonattainment area?
  - b. There are no ambient monitors in Buckingham County and that for most pollutants the closest monitor is about 100 miles from the site – some of them upwind of the facility. Why has DEQ not required that the facility gather ambient air quality data to verify that there aren’t the area is in attainment of all the NAAQS?
5. Governor McAuliffe announced that Virginia would join the U.S. Climate Alliance and will strive to achieve the goals of the Paris accords despite the actions taken at the Federal level. Taking into consideration the estimated methane leakage of the pipeline, will the approval of this permit impair the ability of the State to attain the Paris goals?
6. There are a number of Federal requirements that Virginia has not accepted delegation for including:
- a. Synthetic minor emission limiting controls for CO, NO<sub>x</sub>, PM and VOC,
  - b. NSPS OOOOa covering fugitive emissions from natural gas operations, and
  - c. NSPS JJJJ and MACT ZZZZ covering spark ignition engines.
- Questions:
- a. Has the applicant contacted EPA Region 3 with regards to this site?
  - b. Has DEQ coordinated the permit review with EPA Region 3?
7. Best Available Control Technology Review:
- a. From the discussion of the BACT analysis it appears that DEQ has relied on the top-down analysis conducted for other (smaller) sites. Since the other BACT sources involved smaller compressors the DEQ should require the applicant to conduct a fresh top-down BACT analysis.
  - b. At least one of the Solar Turbines has demonstrated successful use of catalytic combustion technology. This technology has the potential community benefit of reducing the risks associated with the ammonia injection. Did the BACT analysis consider the use of catalytic combustion technology?
  - c. It is our understanding that the facility will not be manned. How will they conduct periodic LDAR inspections if the facility is not manned?
  - d. My understanding is that the raw natural gas in the pipeline does not include an odorant. If there is no odorant then audio, visual and olfactory (AVO) inspections will not be very effective. Will the natural gas going through the pipeline include the odorant? If not then imaging technology should be required to detect for leaks.

- e. In the discussion of Natural Gas Venting under BACT the draft permit states "ACP proposed a vent gas reduction system". What does this involve? How much will this system reduce the natural gas emissions during maintenance activities vs venting or venting with a flare?
- 8. Federally enforceable permit conditions: The permit lists a number of parameters that the facility needs to keep records for:
  - a. Since these parameters all deal with the operation of the emission controls and a failure of the controls could trigger a violation of the synthetic minor condition, are these conditions federally enforceable?
  - b. Will the stack testing results be available to the public after the report is submitted to DEQ?
- 9. Leak Detection:
  - a. This is mentioned in the discussion of the BACT analysis but it bears repeating. Our understanding is that the odorant is added to the gas downstream of the compressor station so AVO inspections are not very effective. So there needs to be daily LDAR surveys.
  - b. There also should to be hourly testing during all pigging events if the natural gas does not contain the odorant.

Again I implore you to deny the Buckingham Compressor Station air construction and operating permit.

Sincerely,



C. Flint Webb, PE  
FHWebb@aol.com



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**Susan Wertz** <mailagent@thesoftedge.com>

Tue, Sep 11, 2018 at 9:12 PM

Reply-To: s.wertz@yahoo.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Susan Wertz  
2409 Rocky Branch Rd  
Vienna, VA 22181-4067

**Deny the Buckingham Compressor Station air permit**

1 message

**Conrad Wilson** <conrad.e.wilson@gmail.com>

Tue, Sep 11, 2018 at 12:32 PM

Reply-To: conrad.e.wilson@gmail.com

To: airdivision1@deq.virginia.gov

Director of Publ

State Air Pollution Control Board  
c/o Ann Regn, Director of Public Information and Outreach  
Virginia Department of Environmental Quality  
Phone: 804-698-4442  
Email: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)  
Fax: 804-527-5106

Dear Director Paylor and members of the Air Pollution Control Board,

I respectfully urge you to deny the draft minor source air permit for the Atlantic Coast Pipeline's Buckingham Compressor Station.

This compressor station poses a direct threat to our climate, our air quality, and - most importantly - to the lives of the historic freedman and largely African American Union Hill community. If built, the compressor station would emit methane, nitrogen oxides, volatile organic compounds and particulate matter into the air in close range to community members' homes and would be a stark example of environmental racism at play in the Commonwealth.

We ask that you deny this permit and request that the following concerns be addressed:

- DEQ and the Air Board must ensure that the permit for the Buckingham Compressor Station does not disproportionately impact marginalized communities. However, the vast majority of residents in close proximity to the proposed compressor station site - 85% - are people of color, and a large proportion are elderly or very young. Therefore, a disproportionate impact on an environmental justice community is virtually guaranteed. If the project cannot be modified to avoid this outcome, the air permit should be denied.
- ACP has not shown that the amount of toxic air emissions from the compressor will not cause or contribute to the endangerment of human health. DEQ should conduct a baseline Health Impact Assessment to better understand what ailments already exist in the community that could be exacerbated by these emissions. The elderly, very young, and community members who already have respiratory health issues are particularly at risk.
- DEQ should require ACP to continuously monitor nitrogen oxide emissions to ensure ACP is complying with the nitrogen oxide emissions limits at all operating periods. The currently proposed stack testing is not sufficient to ensure compliance with the draft permit conditions.
- DEQ should conduct further analysis of the greenhouse gas emissions associated with this proposed compressor station. While Virginia is poised to begin regulating carbon dioxide emissions from electric power plants, ignoring the greenhouse gas emissions from the infrastructure used to supply those power plants is self-defeating. With each new pipeline and compressor station built, significant amounts of methane are emitted into the atmosphere, exacerbating climate change impacts. Though methane does not last in the atmosphere nearly as long as carbon dioxide, methane is much more efficient at capturing radiation than carbon dioxide and, pound for pound, the comparative impacts of methane to carbon dioxide are 25 times greater over a 100 year period. Greenhouse gas emissions are mentioned in the draft air permit, but further analysis of impacts and plans to mitigate those emissions are necessary.
- ACP has not adequately addressed emergency response plans. Detailed plans should be drafted and shared with the community. These plans should outline evacuation and actions in response to an explosion or other emergency at the Buckingham compressor station. At this time, there is no certainty that residents could be evacuated promptly, and Buckingham County emergency responders do not have the supplies or resources to respond to a significant industrial emergency.

It is extremely important that the Air Pollution Control Board defend Union Hill, Buckingham County, and all Virginians' air and climate from the harmful impacts associated with this compressor station. I urge you to deny the permit.

Sincerely,

Conrad Wilson  
108 Yogaville Way  
Buckingham, VA 23921  
4343905402



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**Deny the Buckingham Compressor Station air permit**

1 message

**Martha Wingfield** <Marlridge@gmail.com>

Tue, Sep 11, 2018 at 7:45 AM

Reply-To: Marlridge@gmail.com

To: airdivision1@deq.virginia.gov

Director of Publ

State Air Pollution Control Board  
c/o Ann Regn, Director of Public Information and Outreach  
Virginia Department of Environmental Quality  
Phone: 804-698-4442  
Email: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)  
Fax: 804-527-5106

Dear Director Paylor and members of the Air Pollution Control Board,

I respectfully urge you to deny the draft minor source air permit for the Atlantic Coast Pipeline's Buckingham Compressor Station.

This compressor station poses a direct threat to our climate, our air quality, and - most importantly - to the lives of the historic freedman and largely African American Union Hill community. If built, the compressor station would emit methane, nitrogen oxides, volatile organic compounds and particulate matter into the air in close range to community members' homes and would be a stark example of environmental racism at play in the Commonwealth.

We ask that you deny this permit and request that the following concerns be addressed:

- DEQ and the Air Board must ensure that the permit for the Buckingham Compressor Station does not disproportionately impact marginalized communities. However, the vast majority of residents in close proximity to the proposed compressor station site - 85% - are people of color, and a large proportion are elderly or very young. Therefore, a disproportionate impact on an environmental justice community is virtually guaranteed. If the project cannot be modified to avoid this outcome, the air permit should be denied.
- ACP has not shown that the amount of toxic air emissions from the compressor will not cause or contribute to the endangerment of human health. DEQ should conduct a baseline Health Impact Assessment to better understand what ailments already exist in the community that could be exacerbated by these emissions. The elderly, very young, and community members who already have respiratory health issues are particularly at risk.
- DEQ should require ACP to continuously monitor nitrogen oxide emissions to ensure ACP is complying with the nitrogen oxide emissions limits at all operating periods. The currently proposed stack testing is not sufficient to ensure compliance with the draft permit conditions.
- DEQ should conduct further analysis of the greenhouse gas emissions associated with this proposed compressor station. While Virginia is poised to begin regulating carbon dioxide emissions from electric power plants, ignoring the greenhouse gas emissions from the infrastructure used to supply those power plants is self-defeating. With each new pipeline and compressor station built, significant amounts of methane are emitted into the atmosphere, exacerbating climate change impacts. Though methane does not last in the atmosphere nearly as long as carbon dioxide, methane is much more efficient at capturing radiation than carbon dioxide and, pound for pound, the comparative impacts of methane to carbon dioxide are 25 times greater over a 100 year period. Greenhouse gas emissions are mentioned in the draft air permit, but further analysis of impacts and plans to mitigate those emissions are necessary.
- ACP has not adequately addressed emergency response plans. Detailed plans should be drafted and shared with the community. These plans should outline evacuation and actions in response to an explosion or other emergency at the Buckingham compressor station. At this time, there is no certainty that residents could be evacuated promptly, and Buckingham County emergency responders do not have the supplies or resources to respond to a significant industrial emergency.

It is extremely important that the Air Pollution Control Board defend Union Hill, Buckingham County, and all Virginians' air and climate from the harmful impacts associated with this compressor station. I urge you to deny the permit.

Sincerely,

Martha Wingfield  
P.O. Box 1088  
Ashland, VA 23005  
8043374891



Air Division 1, rr &lt;airdivision1@deq.virginia.gov&gt;

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**allenwitherington@yahoo.com**

1 message

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**Allen Witherington** <mailagent@thesoftedge.com>

Tue, Sep 11, 2018 at 11:13 AM

Reply-To: allenwitherington@yahoo.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Allen Witherington  
131 jefferson drive  
Palmyra, VA 22963-2202

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**Jbailey0003@gmail.com** <Jbailey0003@gmail.com>

Tue, Sep 11, 2018 at 7:48 PM

Reply-To: Jbailey0003@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

John Bailey  
1881north nash st#1881  
Arlington, VA 22209-1572

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**1 message

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**Elaine Becker** <mailagent@thesoftedge.com>  
Reply-To: elainebecker@yahoo.com  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 1:13 AM

Dear Ms:

We ALL need Clean Air and Clean Water!

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Elaine Becker  
2514 Sharmar Rd.  
Roanoke, VA 24018-2625



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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**beneventoncp@gmail.com** <beneventoncp@gmail.com>

Tue, Sep 11, 2018 at 7:35 AM

Reply-To: beneventoncp@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Tom Benevento  
910 Collicello St  
Harrisonburg, VA 22802-2515

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**jwbolish@cox.net** <jwbolish@cox.net>  
Reply-To: jwbolish@cox.net  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 2:24 PM

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

John Bolish  
10838 Henderson Rd  
Fairfax Station, VA 22039-2224

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**Freya Christensen** <mailagent@thesoftedge.com>  
Reply-To: dezd3monda@yahoo.com  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 10:06 AM

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Freya Christensen  
605 S Spring St  
Falls Church, VA 22046-2818

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**smaqck@gmail.com** <smaqck@gmail.com>

Tue, Sep 11, 2018 at 10:11 AM

Reply-To: smaqck@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

S Clark  
3908 Amberleigh Blvd  
North Chesterfield, VA 23236-1245

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**Paul Cronin** <mailagent@thesoftedge.com>  
Reply-To: pauldcronin@aol.com  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 11:08 AM

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Paul Cronin  
PO Box 713  
Marshall, VA 20116-0713

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**Extend Comment Period for the Buckingham Compressor Air Permit**

1 message

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**John Cruickshank** <jcruickshank4@gmail.com>  
Reply-To: jcruickshank4@gmail.com  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 1:39 PM

I strongly urge the DEQ to deny the air permit for the Atlantic Coast Pipeline compressor station in Buckingham County.

The people of Union Hill deserve to breath clean air and drink safe water. I consider this proposal to be environmental racism.

Please deny this permit.

Mr. John Cruickshank  
700 Spring Lake Dr  
Earlysville, VA 22936  
4349730373

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**Mark Director** <mailagent@thesoftedge.com>  
Reply-To: drdirector@yahoo.com  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 6:52 PM

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Mark Director  
5313 Black Oak Dr  
Fairfax, VA 22032-3708

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**alpurusha@gmail.com** <alpurusha@gmail.com>

Tue, Sep 11, 2018 at 7:28 AM

Reply-To: alpurusha@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Al Fioretti  
683 Selma Rd  
Howardsville, VA 24562-4070





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**Deny the Buckingham Compressor Station Air Permit**

1 message

**Nancy Foster** <nancyfos@me.com>

Tue, Sep 11, 2018 at 12:27 AM

Reply-To: nancyfos@me.com

To: airdivision1@deq.virginia.gov

I urge the VA State Air Pollution Control Board and the Department of Environmental Quality (DEQ) to deny the air pollution permit for the Atlantic Coast Pipeline (ACP) compressor station being proposed in Buckingham County. This 54,000 horsepower compressor station is one of the largest ever proposed by Dominion Energy and it threatens the health of this majority-black community that has loudly resisted the project since it was first announced. I also urge state regulators to immediately complete a thorough risk assessment prior to any permitting and work with other state agencies to conduct health risk and comprehensive health impact assessments at the beginning of future permitting processes.

In Section X of DEQ's Intra-Agency Memorandum analyzing the draft permit, it states that a 10/31/2017 site evaluation led the agency to conclude the area surrounding the site was "sparsely populated." However, research done by community groups indicates that numerous residents live close to the site who would be in danger in the event of an emergency.

This compressor station represents a direct threat to our climate and a direct attack on the livelihoods of the residents of Buckingham County's historic Union Hill, an 85% African American community. This community has been the home of some of America's first freedmen and remains the home of many of their descendants: placing a compressor station that is capable of spewing toxic levels of methane, nitrous oxides, particulate matter and other volatile organic compounds just miles from their homes and schools is nothing short of environmental racism. This large community is also at risk of extreme imminent danger stemming from any emergencies at the compressor station. To avoid another situation like this, I also urge the State Air Pollution Control Board and DEQ to consider environmental justice in all future permitting decisions.

The DEQ and Air Pollution Control Board have a unique and critical responsibility to protect our citizens from the dangers of fossil fuel pollution. In order to fulfill your duty as our state regulators, you must deny the air permits for these projects and protect this vibrant community.

Please know that I am just one Virginian among many many opposed to the building of pipelines that are unnecessary and destructive to our environment. There should be no pipeline and no compressor station.

Nancy A Foster

Ms. Nancy Foster  
2235 Elon Road  
Madison Heights, VA 24572  
4343164888

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**Re Air Permit for Union Hill Compressor Station**

1 message

**Gabriella Freckmann** <[gf2wd@virginia.edu](mailto:gf2wd@virginia.edu)>

Tue, Sep 11, 2018 at 11:57 AM

To: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)

To whomever it may concern,

I first would like to request that the comment period be further extended so that more of the public may be included in this process. I would also like to bring to attention again the still unanswered question about emissions regulations for the compressor station: Unless there is a prohibition placed on expanding the station in the future, how can it not be considered a major source of pollution now so that stronger standards are applied?

I am a resident of Charlottesville, VA and do not want to see neighboring communities burdened by the construction of unnecessary and harmful industrial equipment that will bring no positive outcomes.

Thank you for your time,  
Gabriella Freckmann

[627 Hinton Avenue](#)  
[Charlottesville, VA 22902](#)  
[434-242-7312](#)

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**fgostel@gmail.com** <fgostel@gmail.com>

Tue, Sep 11, 2018 at 1:24 PM

Reply-To: fgostel@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Felix Gostel  
1810 4th Ave  
Richmond, VA 23222-5116

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**greenwood.donald@gmail.com** <greenwood.donald@gmail.com>  
Reply-To: greenwood.donald@gmail.com  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 8:59 AM

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Don Greenwood  
2412 Stryker Avenue  
Vienna, VA 22181-3162

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**Laura Grove** <mailagent@thesoftedge.com>  
Reply-To: lauragrove@yahoo.com  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 12:36 PM

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Laura Grove  
482 Catesby Ln  
Williamsburg, VA 23185-4733

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**jaccarws@hotmail.com** <jaccarws@hotmail.com>  
Reply-To: jaccarws@hotmail.com  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 9:15 AM

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Wendy Jaccard  
1206 Jadwyn Rd  
Maurertown, VA 22644-2402

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**farmfem@icloud.com**

1 message

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**farmfem@icloud.com** <farmfem@icloud.com>

Tue, Sep 11, 2018 at 10:32 AM

Reply-To: farmfem@icloud.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Cynthia Johnson  
2731 novum rd, reva, va  
Reva, VA 22735-3909

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**eakreydatus@vcu.edu** <eakreydatus@vcu.edu>

Tue, Sep 11, 2018 at 9:16 AM

Reply-To: eakreydatus@vcu.edu

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Beth and Kreydatus  
2104 Winnwood Rd  
Henrico, VA 23228-6046



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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**Jim Lindsay** <mailagent@thesoftedge.com>

Tue, Sep 11, 2018 at 12:17 AM

Reply-To: tjunk1@aol.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Jim Lindsay  
3222 N. Pershing Drive  
Arlington, VA 22201-1620

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**Gamaliel Lodge** <mailagent@thesoftedge.com>  
Reply-To: gamaliel\_lodge@yahoo.com  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 9:04 AM

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Gamaliel Lodge  
1613 Del Mar Dr  
Charlottesville, VA 22903-1317

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**Paul Macomber** <mailagent@thesoftedge.com>  
Reply-To: sackop65@yahoo.com  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 12:04 AM

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Paul Macomber  
2941 Timber Wood Way  
Herndon, VA 20171-2144

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**malbon@vt.edu** <malbon@vt.edu>  
Reply-To: malbon@vt.edu  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 8:17 AM

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Elizabeth Malbon  
1391 Breckenridge Dr  
Blacksburg, VA 24060-8617

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**riostc@gmail.com** <riostc@gmail.com>  
Reply-To: riostc@gmail.com  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 12:13 AM

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Teresa McCartney  
10203 Purcell Rd  
Glen Allen, VA 23060-3722

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**tumcguire@gmail.com** <tumcguire@gmail.com>

Tue, Sep 11, 2018 at 3:01 AM

Reply-To: tumcguire@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Theresa McGuire  
3720 Overdale Rd  
Roanoke, VA 24018-4436

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**Elizabeth Meni** <mailagent@thesoftedge.com>  
Reply-To: beebemeni@aol.com  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 8:32 AM

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Elizabeth Meni  
1427 Trapline Ct  
Vienna, VA 22182-1731

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**Public Comment:Oppose air emissions permit for Buckingham compressor station**1 message

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**Lillian Mezey** <[lmezey@comcast.net](mailto:lmezey@comcast.net)>

Tue, Sep 11, 2018 at 9:02 PM

To: [airdivision1@deq.virginia.gov](mailto:airdivision1@deq.virginia.gov)

To whom it may concern/DEQ,

I am writing to submit a public comment OPPOSING the issuance of an air emission permit for a proposed compressor station related to the Atlantic Coast Pipeline. The toxins released by compressor stations such as these, including but not limited to methane, are a clear threat to human health. Sound and light pollution are also a significant concern. The people who live in the surrounding community should not have their health and wellbeing compromised by a huge compressor station.

Thank you.

Sincerely,

Lillian Mezey MD

[Lmezey@comcast.net](mailto:lmezey@comcast.net)



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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**brad@b-radprcussion.com** <brad@b-radprcussion.com>

Tue, Sep 11, 2018 at 9:42 PM

Reply-To: brad@b-radprcussion.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Brad Miller  
4030 floyd hwy. s.  
floyd, VA 24091

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**olga.mulcahy01@gmail.com** <olga.mulcahy01@gmail.com>

Tue, Sep 11, 2018 at 8:20 AM

Reply-To: olga.mulcahy01@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Olga Mulcahy  
1304 Campbell Ct NE  
Leesburg, VA 20176-4908

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**nielsena57@gmail.com** <nielsena57@gmail.com>

Tue, Sep 11, 2018 at 9:14 AM

Reply-To: nielsena57@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Anne Nielsen  
1935 Park Rd Apt A  
Harrisonburg, VA 22802-6168

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**barisicindogan@gmail.com** <barisicindogan@gmail.com>

Wed, Sep 12, 2018 at 4:10 AM

Reply-To: barisicindogan@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

dogan ozkan  
1243. MA?N ST., 3  
fairbanks, AK 99701

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**wildwindsk@earthlink.net** <wildwindsk@earthlink.net>

Tue, Sep 11, 2018 at 2:25 AM

Reply-To: wildwindsk@earthlink.net

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Sallie Park  
1739 Old Brook Road  
Charlottesville, VA 22901-1266

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**lynneparson@mac.com** <lynneparson@mac.com>

Tue, Sep 11, 2018 at 7:47 AM

Reply-To: lynneparson@mac.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Lynne Parson  
2500 Grayland Avenue  
Richmond, VA 23220-5139

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**halloken@hotmail.com** <halloken@hotmail.com>

Tue, Sep 11, 2018 at 1:56 PM

Reply-To: halloken@hotmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Nadja Payne  
1428 Deerfield Ln  
Woodbridge, VA 22191-1011

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**shavonandrew@verizon.net** <shavonandrew@verizon.net>

Tue, Sep 11, 2018 at 7:38 AM

Reply-To: shavonandrew@verizon.net

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Shavon Peacock  
7669 Rockfalls Dr  
Richmond, VA 23225-1044



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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**Kelly Place** <mailagent@thesoftedge.com>  
Reply-To: kelltron@aol.com  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 1:21 AM

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Kelly Place  
213 Waller Mill Road  
Williamsburg, VA 23185-2947

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**Jodi Polissky** <mailagent@thesoftedge.com>  
Reply-To: hanjorob@yahoo.com  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 12:27 AM

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Jodi Polissky  
21682 Pattyjean Terrace  
Ashburn, VA 20147-7539



---

**Deny the Buckingham Compressor Station Air Permit**

1 message

**Molly Pugh** <mollyrwilliams@gmail.com>

Tue, Sep 11, 2018 at 8:08 AM

Reply-To: mollyrwilliams@gmail.com

To: airdivision1@deq.virginia.gov

Please reject the permit for the Atlantic Coast Pipeline compressor station proposed in Buckingham County.

We do not need it. We do not want it. It threatens the health and the lives of the community, who have actively resisted it since it was announced. They have fought vehemently against it, and I support them. Furthermore, this pipeline, like all pipelines, threatens the health of all of us by furthering our reliance on fossil fuels.

The DEQ and Air Pollution Control Board have the opportunity to do the right thing in Buckingham County. In order to fulfill your duty as our state regulators, you must deny the air permits for these projects and protect this vibrant community. I also urge the State Air pollution Control Board and DEQ to consider environmental justice in all future permitting decisions. You can help protect all of us, and especially our most vulnerable communities, from the dangers of fossil fuel pollution.

Molly Pugh

Ms. Molly Pugh  
1200 North Quaker Lane  
Alexandria, VA 22302  
2028212931

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**sreinholdt1991@comcast.net** <sreinholdt1991@comcast.net>

Tue, Sep 11, 2018 at 8:49 PM

Reply-To: sreinholt1991@comcast.net

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Sally Reinholdt  
4654 Kell Ln  
Alexandria, VA 22311-4917

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**dottyrilee@gmail.com** <dottyrilee@gmail.com>

Tue, Sep 11, 2018 at 7:40 PM

Reply-To: dottyrilee@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Dorothy Rilee  
2824 Weymouth Dr  
Richmond, VA 23235-2258

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**Fw: Buckingham Compressor Station**

1 message

**Chiquita Hall** <stoneysgurl57@yahoo.com>

Tue, Sep 11, 2018 at 4:34 PM

Reply-To: Chiquita Hall &lt;stoneysgurl57@yahoo.com&gt;

To: "airdivision1@deq.virginia.gov" &lt;airdivision1@deq.virginia.gov&gt;

On Tuesday, September 11, 2018 3:49 PM, Chiquita Hall <stoneysgurl57@yahoo.com> wrote:

Mary E. Rose  
5737 South James River Highway  
Buckingham, Virginia 23921

Contact Number: 434-969-3333

Date: 11 September 2018

Dear DEQ

I am objecting to granting an air permit for the purpose compressor station in the middle of Union Hill neighborhood.

I have read that it emits voc compound, benzene,, arsenic formaldehyde, methane gas and uranium. I don't know what this stuff is, but; it doesn't sound good for our health. And I am hoping you know what it is and what impact it will have on our health.

Some say the pollution is no more than what we already have with schools, school busses, large trucks, heating our homes and automobiles; all these thinga are necessary for the common good, the purposed compressor station is not. The compressor station is of no value to this community, the county or the state.

I am hoping you will take this into consideration and not grant an air permit for the compressor station.

Respectfully Yours,  
Mary E. Rose

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**ktrugg@gmail.com** <ktrugg@gmail.com>

Tue, Sep 11, 2018 at 11:38 AM

Reply-To: ktrugg@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today as a concerned Virginia resident, home and business owner, to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill and others to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you. Thank you.

Sincerely,

Katy Rugg  
2318 Dee Kay Dr  
Henrico, VA 23228-4305



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**Deny the Buckingham Compressor Station Air Permit**

1 message

**Susan Scerbo** <smscerbo11@gmail.com>

Tue, Sep 11, 2018 at 6:41 AM

Reply-To: smscerbo11@gmail.com

To: airdivision1@deq.virginia.gov

I urge the VA State Air Pollution Control Board and the Department of Environmental Quality (DEQ) to deny the air pollution permit for the Atlantic Coast Pipeline (ACP) compressor station being proposed in Buckingham County. This 54,000 horsepower compressor station is one of the largest ever proposed by Dominion Energy and it threatens the health of this majority-black community that has loudly resisted the project since it was first announced.

I also urge state regulators to immediately complete a thorough risk assessment prior to any permitting and work with other state agencies to conduct health risk and comprehensive health impact assessments at the beginning of future permitting processes.

In Section X of DEQ's Intra-Agency Memorandum analyzing the draft permit, it states that a 10/31/2017 site evaluation led the agency to conclude the area surrounding the site was "sparsely populated." However, research done by community groups indicates that numerous residents live close to the site who would be in danger in the event of an emergency.

This compressor station represents a direct threat to our climate, but more importantly, it serves as a direct attack on the livelihoods of the residents of Buckingham County's historic Union Hill, an 85% African American community. This community has been the home of some of America's first freedmen and remains the home of many of their descendants: placing a compressor station that is capable of spewing toxic levels of methane, nitrous oxides, particulate matter and other volatile organic compounds just miles from their homes and schools is nothing short of environmental racism. This large community is also at risk of extreme imminent danger stemming from any emergencies at the compressor station. To avoid another situation like this, I also urge the State Air Pollution Control Board and DEQ to consider environmental justice in all future permitting decisions.

The DEQ and Air Pollution Control Board have a unique and critical responsibility to protect our most vulnerable citizens from the dangers of fossil fuel pollution. In order to fulfill your duty as our state regulators, you must deny the air permits for these projects and protect this vibrant community.

Ms. Susan Scerbo  
1424 Waterside Dr S  
Chesapeake, VA 23320  
757-523-5938



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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**richard.sears@winchestergi.com** <richard.sears@winchestergi.com>

Tue, Sep 11, 2018 at 9:23 AM

Reply-To: richard.sears@winchestergi.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Richard Sears  
151 Old Forest Cir  
Winchester, VA 22602-6627

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**(no subject)**

1 message

**Francis S** <s3francis@gmail.com>

Tue, Sep 11, 2018 at 8:16 PM

To: airdivision1@deq.virginia.gov

ermit Name: Minor Source Construction Permit issued under the authority of the Air Pollution Control Board  
Applicant Name and Registration Number: Atlantic Coast Pipeline, LLC; 21599  
Facility Name and Address: ACP - Dominion Energy Buckingham Compressor Station; 5297 S. James River Hwy, Wingina, VA 24599

To the representatives of the Department of Environmental Quality -

I am deeply concerned about the ACP Buckingham Compressor Station as it represents a significant threat to the health and quality of life of the residents of the surrounding area. Although the Station technically qualifies as a "minor source" of pollutants, the DEQ still has a responsibility to fully assess the potential impacts of allowing this massive project to go forward.

I am particularly troubled by the seemingly intentional misrepresentation of the population density in the area. This is not the action of an accountable governmental body responding appropriately to public concerns, but rather of one eager to rubber stamp approvals for harmful developments towards a harmful and unnecessary pipeline which will hurt the residents of Virginia much more than it helps them, specifically the residents in the area surrounding the station.

The public must be given more time to be educated about this important issue and fully participate in the feedback process. DEQ must extend the public comment period on this permit from the original 30 days to a minimum of 60 days.

At the same time as this step is taken to make it clearer that the DEQ is actually responsive to public commentary, I urge you to reconsider the costs and benefits of allowing additional fossil fuel project construction to continue. Particularly as the historically powerful hurricane Florence bears down on parts of the commonwealth, please consider your individual roles in promoting continued fossil fuel usage and increasing climate change. Seriously consider whether this is worth whatever you are getting out of it - be it financial benefit, social approval, a path to a better career, a desire to bring in a few temporary jobs to the commonwealth. Please seriously weigh those things against the damage you are helping to wreak on humanity - trillions of dollars in damage, millions of refugees, increased political instability, outbreaks of disease and uncounted deaths - over the coming decades. You are playing your own small part in this crisis. You could choose to help shift momentum away from the status quo, or you can choose to ignore it for your own perceived benefit. You can choose to put us on a better path by exercising the power you have been granted by the state.

Thank you for your attention,

Francis Sferrazza

650 Potomac Avenue, Apt. 315  
Alexandria, VA 22301  
(718) 413 - 8617



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**Deny the Buckingham Compressor Station Air Permit**

1 message

**Mollee Sullivan** <mollee.sullivan@gmail.com>

Tue, Sep 11, 2018 at 6:39 PM

Reply-To: mollee.sullivan@gmail.com

To: airdivision1@deq.virginia.gov

I urge the VA State Air Pollution Control Board and the Department of Environmental Quality (DEQ) to deny the air pollution permit for the Atlantic Coast Pipeline (ACP) compressor station being proposed in Buckingham County. This 54,000 horsepower compressor station is one of the largest ever proposed by Dominion Energy and it threatens the health of this majority-black community that has loudly resisted the project since it was first announced. I also urge state regulators to immediately complete a thorough risk assessment prior to any permitting and work with other state agencies to conduct health risk and comprehensive health impact assessments at the beginning of future permitting processes.

In Section X of DEQ's Intra-Agency Memorandum analyzing the draft permit, it states that a 10/31/2017 site evaluation led the agency to conclude the area surrounding the site was "sparsely populated." However, research done by community groups indicates that numerous residents live close to the site who would be in danger in the event of an emergency.

This compressor station represents a direct threat to our climate, but more importantly, it serves as a direct attack on the livelihoods of the residents of Buckingham County's historic Union Hill, an 85% African American community. This community has been the home of some of America's first freedmen and remains the home of many of their descendants: placing a compressor station that is capable of spewing toxic levels of methane, nitrous oxides, particulate matter and other volatile organic compounds just miles from their homes and schools is nothing short of environmental racism. This large community is also at risk of extreme imminent danger stemming from any emergencies at the compressor station. To avoid another situation like this, I also urge the State Air pollution Control Board and DEQ to consider environmental justice in all future permitting decisions.

The DEQ and Air Pollution Control Board have a unique and critical responsibility to protect our most vulnerable citizens from the dangers of fossil fuel pollution. In order to fulfil your duty as our state regulators, you must deny the air permits for these projects and protect this vibrant community.

Mrs. Mollee Sullivan  
14203 Birnam Woods Dr.  
Midlothian, VA 23112  
8043043276

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**Bruce and Penny Triplett** <mailagent@thesoftedge.com>

Tue, Sep 11, 2018 at 1:30 AM

Reply-To: murphylives1950@yahoo.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Bruce and Penny Triplett  
381 E Piccadilly St  
Winchester, VA 22601-5216

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**ptturner@vcu.edu** <ptturner@vcu.edu>  
Reply-To: ptturner@vcu.edu  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 11:34 AM

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Pamela Turner  
2615 Fendall Ave  
Richmond, VA 23222-3619

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**rodomwa@verizon.net** <rodomwa@verizon.net>

Tue, Sep 11, 2018 at 4:33 PM

Reply-To: rodomwa@verizon.net

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Robert Wadsworth  
213 Reams Ct  
North Chesterfield, VA 23236-2853

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**David Warner** <mailagent@thesoftedge.com>  
Reply-To: ghost.concolors@yahoo.com  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 11:02 AM

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

David Warner  
8337 Cherokee Rd  
Richmond, VA 23235-1603

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**mwebb@chathamhall.org** <mwebb@chathamhall.org>

Tue, Sep 11, 2018 at 9:37 AM

Reply-To: mwebb@chathamhall.org

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Maureen Webb  
211 Catalpa Dr  
Chatham, VA 24531-3010



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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**Ruth Willet** <mailagent@thesoftedge.com>  
Reply-To: nanagee3@aol.com  
To: airdivision1@deq.virginia.gov

Tue, Sep 11, 2018 at 11:22 AM

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Ruth Willet  
43 Bainbridge Ave  
Portsmouth, VA 23702-2243

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**doryruth2@gmail.com** <doryruth2@gmail.com>

Tue, Sep 11, 2018 at 9:20 AM

Reply-To: doryruth2@gmail.com

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Ruth Williams  
315 Riverview Rd  
Port Haywood, VA 23138-2194

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**Public Comment: I Oppose the Buckingham Compressor Station Air Permit**

1 message

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**debwooten@earthlink.net** <debwooten@earthlink.net>

Tue, Sep 11, 2018 at 11:29 AM

Reply-To: debwooten@earthlink.net

To: airdivision1@deq.virginia.gov

Dear Ms:

I'm writing today to urge the Air Pollution Control Board to reject the proposed permit for Dominion Energy's Buckingham Compressor Station.

This facility is a threat to our climate, public health and public safety, and the Board has an obligation to protect Virginians' clean air at all costs.

A vote to allow operation of this facility is a vote to expose residents of Union Hill to nearly 140 tons per year of harmful chemical emissions; it is a vote to increase climate disrupting greenhouse gas emissions at a time when Virginia is moving to decrease climate impacts from the power sector; and it is a vote to put Buckingham County in a blast zone.

Virginia doesn't need the Atlantic Coast Pipeline and we don't need this compressor station. I urge the Board to deny this and any future permits that come before you.

Sincerely,

Deborah Wooten  
13194 Fair Oaks Ln  
Ashland, VA 23005-7121